SEQUENCE LISTING

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SEQUENCE ID NO: 5, PCR primer

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SEQUENCE ID NO: 6, PCR primer

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SEQUENCE ID NO: 7, PCR primer

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SEQUENCE ID NO: 8, PCR primer

5'-CTCAAACCACAGGCCTCCGGA-3'

SEQUENCE ID NO: 9, murine Socs2 locus

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SOURCE      house mouse.
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Mus.
REFERENCE   1  (bases 1 to 13908)
  AUTHORS   Horvat,S. and Medrano,J.F.
  TITLE     A 500-kb YAC and BAC contig encompassing the high-growth
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            in mouse chromosome 10 and identification of the murine
Raidd/Cradd
            gene in the candidate region
  JOURNAL   Genomics 54 (1), 159-164 (1998)
  MEDLINE   99026139
   PUBMED   9806843
REFERENCE   2  (bases 1 to 13908)
  AUTHORS   Horvat,S. and Medrano,J.F.
  TITLE     Lack of expression of Socs2 causes the high growth phenotype in
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  JOURNAL   Unpublished
REFERENCE   3  (bases 1 to 13908)
  AUTHORS   Wong,M.L. and Medrano,J.F.
  TITLE     Direct Submission
  JOURNAL   Submitted (01-AUG-2000) Department of Animal Science,
University of
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8401  ccttgtgcat  ttcaaaagca  atggtttaga  agcgataaaa  gttacgtcag  ggtctaaact
8461  ctaacaagtt  ccgcagccgc  tttctcttgg  ccacccagtc  tcacgactgc  tgtagcatgc
8521  catcttctct  agagtctaga  cactatgcct  cttgccgccc  tgtacatgtt  tcctggccgg
8581  gccgtaggtt  cctgtgtgtc  cagggtgaaa  ggagaacctg  gggcgtcatg  tgcacgctct
8641  aagtgaatag  gaaattataa  aagtgcagaa  taatagaact  gacttacctt  gcagggtttg
8701  aagtccccag  ttttacacca  ggaaggaaac  attaagttta  tccaacctgg  atggattgct
8761  gggtgtggct  tgggaagagc  ctgcttcgct  ctgctgggtg  gtggggcaat  actaggcttc
8821  ccgctaggat  acttagatct  ccctttttgca  cactgatgat  gatggttctc  tggtagaacg
8881  cttgggctag  caaggggctt  tgtggaatcc  ttttcaggtc  tccctgctgt  tcctcaggta
8941  ttgggagtga  ggaggcagtc  agaagaccct  gtgcctgtgg  agttatgaca  agctcccgag
9001  tgttgcgttc  agcgcctgca  ggtgtgtgtg  tattgggagc  ccagattcac  tgcttggggc
9061  tgtgatatgg  atcaccttat  ctaactctag  tcctgatggc  aaggaagttg  ataggcatca
9121  ggggacagtt  ttgtttgtt  tttgtttct  tgctttatag  tttttaatat  atttactgag
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5

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 9181  ttccttgtgt gccagcctct gactcaatac ttcataatat ctcatttgat cctcggaagg
 9241  accaaaagag caaagtccag gatttatggg aagtgaatag ttccacactg atccagttaa
 9301  caagttagag caggctgtaa tagcagtctt tttgctgcgg cctcaaccag actagtgcag
 9361  atactgtaat tagtgttgcg tcctctctcg ctttaaaaac attttcaaga agtggtttct
 9421  tggtgcatgt gtgtatgtgt atgcatgtgc catgtcatat atgtggtagg tgtggcacag
 9481  cttctccgtt cttgcctctc gctgcgtggg ctccagggat tggacctcag tctttaccga
 9541  caagcaccct tacccattga gacatcttgt cagccctcca gtcagtctgg ccaatggctt
 9601  tttttttttt gaagatccct gaaataagtg gtaaagtggg ggtggggagg gagtttgtcc
 9661  ccttcctggg tgactactaa atgatgccag gtatcactga ctgtcccatc taacaacaga
 9721  aacaaaactg gattcacccca aggtgtcctc aacagaggct ggaaaatttc tctttcactg
 9781  ttgttttttct atggggggtg gtgtgaagca ttagtaagga catttattat tgagattcta
 9841  attgttgctg ttcttgtggc ctgtcctgtg ctctgtcgca ggatttgtgt atccacccccc
 9901  gacttcagtg actgctatga gtttctgttc agaggacgca gaggtgaagg agcgtatgtc
 9961  atcccatcta aagttaccaa cacagataac agatgtaatg acatctgctt tctttttaga
10021  aacagggacc cccagtttgt gtgcgcttgg aggtcttgct tagtgttatt agtatgaagg
10081  ttttgacttc atcgtaatta catcattcaa ataggtgaca gaaagggact gttggttgtt
10141  ccacacggtt tattttcttg ggaagccttt ctttcccctg cttttagaaa attgtacccct
10201  gcttggcgga gggtaggaga cagacacgtc atcaagtaat ccaagggatg gaatgtcccg
10261  agagcagact atgcccttct ggttgtgggt ttgggcacag ggcaggaggg ggctgtggct
10321  ctaacagctg ggccgaagcc tcactggctc ccagaagtcc tgtccatctt ctagacctct
10381  acccagaatg tggctctggg cctgtcattc cctcagaggc tctgcgttct cctcatccag
10441  ttgttaactc cctagaatcc tggagtccgg aacacactgt ttgggtcact cagcccaggt
10501  cctttatagg aaccagaaca tttcagattc agggactaga aatctagtca gcaaatgggc
10561  aacatacaaa cccagagctt aggtccggtg gaagctccac ccttctgccc tcccttcaaa
10621  ccgcctgtgc ccttctttgc tgcagttact gtaacttaaa acttgcttcc tctgacatgc
10681  aaatcaggtt ttgggatgtc accacagcag gatactttca attcttagct cctgccccac
10741  tctccaggat tacccctttt gtcgtgatcc actgtataat gagatatgta ttaatttgaa
10801  ttctttagtt cttttttttaa tcattttgga gattgaacgt aggtctttcc ccacgcttgg
10861  caagcatcct accgttgagc cacatctcca gtccatgtca atgtctctct aatctgtttg
10921  ctgtttgaaa gccgaagtcc tccggtcctt gctgtgtggt gatctcatga cacgtctgcc
10981  agatgtcacc cacacatggc cagggtgccc agctgactct actctcctgt gtttgcttac
11041  cagtagagtc tgttttggct tttgcctcct cttacatgca ggtagctcct gccttactct
11101  ctcctgctct tcccacgatg ctgtcttttt agatggtcga ttagagaagt cctgggtggc
11161  tgtatgatgg gccagcgaag gatgggaatt caagtctact tgaattaggt aaactgacag
11221  atttagggtc cttaggatta agtctgtgtc tgtttctctt tagttctctt caggatttaa
11281  aaaccaaagc cagttcctaa caccacabtt caacacttta aaaaaaaaaa aaaaaaaaaa
11341  acttgtttat ttaaacaacc gtaggctcdt tacttgctag tttatgctct attgggaagg
11401  aagaaagaca gcccttcttt agcttgtttg ttgctgaggg caatccttgc accttcggtt
11461  tggtcttctc attctcttct gctgccctgg aagattttct ccagtttttcc ctctatgtgg
11521  tttcagagta agtcaccttq cctcgcactc agcttaaggg acagctgttg ttggagtcag
11581  cctctaaaag ccccgtttgt cccaaatgcc tgactagcgg gtcagtgaa gcagtcattg
11641  tggtcttcct acccacccty tcctcagctc tgtccacaag ggaggtctga gctgccaagt
11701  ctgacggggg actcacttcc ataaacattt actgagccat aaaaataaaa ctgctttttat
11761  agacaactct cactttgaac tccattcttc acttggagaa gaaggcgctg ccctcgagc
11821  aggagcagtt tgtgacgggt tatacagccc gtctgtggcc tcatctcagt gaggaacaga
11881  gggaagggag actcaagcca gagagagcct tggtgcgagc taagaaaata acaccagctg
11941  ccttcctctt ctgtttcagc ctaagttcct tccagagagc cccttcgctg cggcgaaata
12001  agacacattt gctagttaaa tcatcacagg acttcatata tttttcctag actgtcccag
12061  tttccagtca tgttaagata aaaagatagc ctttttgcca aatggttttt ccttctgtt
12121  ctttgggcag cccttttcct gttcagattt tgatcttagg ttgctatgat ctttcttagt
12181  ctttcaggaa aaccctcccc atgttgtttt ctgcccaggg aagttgtttt cccactttga
12241  ctttcgtcac ccagatgaac tgatgaactg cgttccctta ggtagtagac ggaatcgtgg
12301  gtttggtcag aaagtaagtg tgttcttgtt ttgtgtattt tatttaccta cctgttctcc
12361  attatgtggt gataaagggc ggagagagtg cctgctgtca gacaaccctc tgcttcctct
12421  ccgttcattc tcactggaac cactgtcaga aaaatggctt catgtcatta ttatttaagt
12481  atattgaagg cagtaatagg gttgggcaaa gaaaaagggg tgaagcctca ctggtgtgat
12541  gaggggctct tccgagtctc tcattaggta cccagggctc tcaagactat gaccagttta
12601  tttctatcac cctgtgtacc aatccttgct cttgagctgg ggtaggattg aacagcttta
12661  gcggaaaaaa aaattcttct tctaagacag ggccttaggt atcctagact cgaattggaa
12721  ctcgatgtag agctaagggt tatcctgaac tcctgaccct cctgcctccg tctttcagct
12781  gctgggatta caggtatgtg cctgcctgta tcaagcctgt taatgcagtg aagccagggc
12841  ttcctgggct ccaggcaagt tcttgaccaa gtgagctact ttcccggaaa ctggcaatca
12901  ttgtcttcaa aattgtgttc ctcttttata ttggggagtg ttacctttttc ctggtggacc
12961  gggcgctttc tgattcagca tcttttttctc atccgttaca gtgttatctg tagagtttag
13021  agttgcagag aatggatatc cttcaagtct ttattttttt ttaatgatat attttatgta
13081  tgtgtgcatg taatgtgtat gtacacacac acacacacac acacacacac acacacacac
13141  acacattcat gtagataccc agaaaagacc agaagaagat gtcagattat ggttctgagc
13201  tgctatgtgg gagttgggaa ttgaattccg gtcctctgga agagcagtaa atgctcctgg
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6

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13261 tgtcagagcc atctctcctg tccccatcca caagtcttgg gaccaaggcc taataaatca
13321 aggtgttaac cttctatttta tattcatttg gtacctgtta tattattcat taggaactca
13381 gggaagagtc acactctcac attatagagg ccctcttacc ttatgggaag agatagagaa
13441 gacaggattc atatttattc aatagtctgg tctgtctcat gccccattgg ttaatctcca
13501 caacagccag gagcattaca gactcctttt attgaaaata aaacagatgg ttgaagatgg
13561 aaactgtagc gcccagcaat actgccctac gactaggagt ctgtacctgt atggagacta
13621 tggaacacac gcagggttat agctatgagt gacaccatgc tctcctctcc tcttagtctg
13681 ataaagcatt ccttacatga gagaactggc ttaggcttgt gctgtgtact gtccttctgg
13741 actccctggg tggtaggact tagaggtgaa gagtgagaga tgtgtggcgg gcaggcagga
13801 agcaggtgcc tgggagagga gtggagaggc agacaagatg ttcaagtttg tcaccgggct
13861 cagatttgtc ccagatttgt tccagattaa tttggagctc tgggtctg
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SEQUENCE ID NO: 10, exon 2 probe

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4501  AGTGTCTGCG AGAGACTTTG CCACACCATT CTGCCGGAAT TTGGAGAAAA AGAACCAGCC
4561  GCTTCCAGTC CCCTCCCCCT CCGCCACCAT TTCGGACACC CTGCACACTC TCGTTTTGGG
4621  GTACCCTGTG ACTTCCAGG
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SEQUENCE ID NO: 11, exon 3 probe

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6929  CTCGCCATTA ACAAATGTAC CGGTACGATC TGGGGACTGC CTTTACCAAC AAGACTAAAA
6989  GATTACTTGG AAGAATATAA ATTCCAGGTA TAAGTATTTC TCTCTCTTTT TCGTTTTTTT
7049  TTAAAAAAAA AAAAAACACA TGCCTCATAT AGACTATCTC CGAATGCAGC TAT
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SEQUENCE ID NO: 12, 3' Socs2 probe

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11185 GGAATTCAAG TCTACTTGAA TTAGGTAAAC TGACAGATTT AGGGTCCTTA GGATTAAGTC
11245 TGTGTCTGTT TCTCTTTAGT TCTCTTCAGG ATTTAAAAAC CAAAGCCAGT TCCTAACACC
11305 ACATTTCAAC ACTTTAAAAA AAAAAAAAAA AAAAAAACTT GTTTATTTAA ACAACCGTAG
11365 GCTCCTTACT TGCTAGTTTA TGCTCTATTG GGAAGGAAGA AAGACAGCCC TTCTTTAGCT
11425 TGTTTGTTGC TGAGGGCAAT CCTTGCACCT TCGGTTTGGT CTTCTCATTC TCTTCTGCTG
11485 CCCTGGAAGA TTTTCTCCAG TTTTCCCTCT ATGTGGTTTC AGAGTAAGTC ACCTTACCTC
11545 GCACTCAGCT TAAGGGACAG CTGTTGTTGG AGTCAGCCTC TAAAAGCCCC GTTTGTCCCA
11605 AATGCCTGAC TAGCGGGTCA GCTGAAGCAG TCATTGTGGT CTTCCTACCC ACCCTGTCCT
11665 CAGCTCTGTC CACAAGGGAG GTCTGAGCTG CCAAGTCTGA CGGGGGACTC ACTTCCATAA
11725 ACATTTACTG AGCCATAAAA ATAAAACTGC TTTTATAGAC AACTCTCACT TTGAACTCCA
11785 TTCTTCACTT GGAGAAGAAG GCGCTGCCC
```

SEQUENCE ID NO: 13, HG deletion breakpoint 5' primer

5'-CTGGGCTCATTTTGGAAATG-3'

SEQUENCE ID NO: 14, HG deletion breakpoint 3' primer (I)

5'-TATTTTCTCCCAATAGCTCG-3'

SEQUENCE ID NO: 15, HG deletion breakpoint 3' primer (II)

5'-CTGGCTTCTGAAAACTTACC-3'

SEQUENCE ID NO: 16, HG deletion breakpoint 3' primer (III)

5'-GTAGATCTTGGGAGAGGAGA-3'

SEQUENCE ID NO: 17, HG deletion breakpoint 3' primer (IV)

5'-TGGGCTTTCCTTGGGAAAGTT-3'

7

SEQUENCE ID NO: 18, HG deletion breakpoint 3' primer (V)

5'-AGCTGTCGGCTGAAACGGAG-3'

SEQUENCE ID NO: 19, HG deletion breakpoint 3' primer (VI)

5'-AACGAAGTATCTTGAGTTAC-3'

SEQUENCE ID NO: 20, Merged Consensus genomic sequences of the high growth deletion in mouse chromosome 10.

The sequence covers a region of approximately 659,000 nucleotide bases of genomic DNA. Six BAC clones from the CITB mouse-BAC library corresponding to the minimal path of the physical map of the HG region (Horvat and Medrano, Genomics 54:159-164, 1998) were sequenced. The 6 BACs are: B520, B308, B546, B11I10, B9L14 and B405 and are assembled consecutively in 13 contigs. The contigs have been ordered and separated be sets of 20 Xs that identify gaps in the sequence.

The approximate location of the *hg* deletion is from nucleotide position 63,724 to 533,100. The breakpoint of the deletion in position 63,724 occurred in intron-2 of the mouse *Socs2/Cish2* gene (Accession # AF292933). The deletion of exon 3 of this gene eliminates the expression of this gene in hg mice and appears to be the causative reason of the high growth phenotype.

The deletion breakpoint at position 533,100 was determined because after this position is the sequence of the *Vespr* (viral encoded semaphorin receptor) gene (mRNA seq. Accession # AF190578), which is fully expressed in *hg*.

The deletion encompasses the full-length sequence of the RAIDD/CRADD gene (Accession # AJ224738) (from nt 146,837 to 298,188).

DEFINITION   test, 659158 bases
ORIGIN
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       1   CTTGATGGAG   TCGGTTGGGG   TTTTTTGTTT   GTTTGTTTGT   TTGTTTTCTG
      51   GAAAGTTGAT   AAACTTAATG   AGGACATGGC   TTGCAGCGTG   GCAGGCACAA
     101   CACCTGATGC   TAAGGTCCTG   ACTAATTCAT   TGCTCAGAGG   TATTTATTCC
     151   AGTAACAGGA   GCCAATTCCA   CGTGCGCAGT   TGTTTACAGC   ACTGTGCTAT
     201   CACAGAGGCG   CATGCGCAGT   TTGGAGGGAA   GTGTCCGGTT   GCTGTTTCCT
     251   TGCTGTGTAT   TGGCTGGGGT   AAGCACCATG   GCTTTCAGGT   CTGTTAAGAG
     301   TGACCCAAGC   GCATGAGCAT   TGGAGACAGC   AGTGCCCGAG   CTGTGTCAGT
     351   GTTGAAACCA   GACTACAACG   CAGGAGAAAG   GACTCTGAAG   TCGACATTCG
     401   CTCTAGCTGT   CAAGATGATA   AAAAAATAAG   ACAATAGATG   TTGGTAAACT
     451   GTCAGCTGAA   GAAGTAGAAA   TGGCCACCCT   AAGGAGAGAA   TGGAATGGCC
     501   GTGAGCATGG   TCCTCAGGCA   AAGGAAGTGG   AACAGTTGAC   CAAAAACCAA
     551   GAAGAGGTAG   AAGGGAAATC   TCAGCAGGAG   AAGGAGAGGG   AATGGAAAGG
     601   AGAAATAGAC   AAAATCGTGG   ATTTTATAAC   TCCCGAGAGG   CACCAATTCT
     651   GTTAGAAGCC   GTCCTGGCCT   TTCACTCCGG   AAAGGTTTTC   TTGTTTTTTC
     701   TTTTTTAAGT   TGCCCATCAG   GGAATTAGGC   CATTAATACT   GAATCGGATC
     751   CTTGTCTGTC   CAGTTGGGTG   CTTTATTGTA   ATGATGGACA   TCTTTATAAA
     801   CATCTTAATC   TTAATACATA   ACTTTTTTGGA   ATAAAACTTA   GACTGACAAA
     851   AACAGAATAG   TGAACAAAAG   AGAAGAAGGT   TAGCAATAAT   TGACAGTAAT
     901   GTGAACCTCT   TGCCCAATGG   GAGCACTTAG   GTTCTCTCTC   TTTTTTTTAT
     951   TGCATCAAAG   AAAGTAAGTC   TGATACAAGC   TTGTCAGATA   TACCAACTTT
    1001   GCTCCTAACT   TTAAACACT   ATTAGTCTTT   TTCAAATTTA   TACCGAACAA
    1051   AGCTATTTAT   TTGACGGACA   AGTTGTATAT   TGACTTATCT   GAACAAGCTA
    1101   TTTCTATTGA   AAAAAATTAT   ATTGACTTAT   AATAAAAGTT   TTACAAGATC
    1151   AAGATAAGTT   ATGAGCATGA   AAGAACAAGG   CTTGTAAGTA   AAATTAAATA
    1201   ATTAAAAAGT   GTTTCTGTGA   GTCCAGAGTT   GACCAATGTG   GAACTCTAGA
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8

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1251  AGGCCAAACG  CAGTCCTGTG  TGAGTACTTT  AGCAAATTAG  ACTTTAATGT
1301  ATTGAAAATA  TAGATTAATG  TAGTTCCTGA  ATTATGTCTT  TTTTTGTTTG
1351  TTTGTTTGTT  TTTGTTTTTT  TTTTTCGAGA  CAGGGTTTCT  CTGTGTAGCC
1401  CTGGCTATCC  TGGAACTCAC  TCTGTAGACC  AGGTTGGCCT  TGAACTCAGA
1451  AATCCGTCTG  CCTCTGTCTC  CTGTGTGCTG  GGATTAAAGG  CGTGCGCCAC
1501  CACGCCCGGC  TCCGAATTAT  GTCTTTCATG  TGTTGCTGAT  TTTGAGTTTT
1551  CTAAACAAAT  AGTAACCCAT  CACAGTCTTA  CTTCCTCTGT  ATCTTCCTAT
1601  CTCTTCCATG  GCTGAGACAA  AACTATTACC  TTCCTCACTA  CCCTTCTATG
1651  AAAAACCACT  TACAGGTTTT  AGTGGCCATT  TACAATTACA  TGTGAGGGAT
1701  GCTACTTTAA  AAGCAGCCCT  AGGAAGAGCC  GGAGAGGCTG  TGTTGCCTTA
1751  ACCTGCGGAA  CACATTCTCG  ACGAAACCGC  CAGAGGGCAC  TGTGACACAG
1801  CATTCAGCCT  GAACCGCTTA  CCCTGTGGTT  GTGACTTTGA  AATGCCAGAA
1851  TGGCAGAGAA  TTTGAACATT  GCTACTTGAG  AAAGGGTGGT  TTGATAATGT
1901  CATTGCCGGA  AGTCGTTCTA  CTCGTCTATC  ATTAAGTATT  TATACAACAG
1951  CTGGTTGTGA  GAAGATCTGC  TTTCTAGCTG  GCCAACTCAA  ACATCCTTAA
2001  GATCAGTGCT  ACTTGCTAAA  TATCGGCCGT  GCTACTTATA  TTTTTCTAAT
2051  GACATTCCCA  ACTGTGGATG  TTTTTCACTA  TCATTTTTTT  TAATTAAGTT
2101  TAGGTAGAAA  ACCTTGACTT  ACTCAAAGAT  AACATTGTTA  ACTGTTTTTG
2151  TACTTTCATA  TATAAAAATA  AATCTTTTAT  GTATATTTAA  AGACATCAGA
2201  TTTCTTTTTG  TTAGAAAATA  TGTTTTTTTT  TAAAGATTTT  TCTTTTAATG
2251  TGTATGGATG  CTTTCGTTGC  AGGTGTGTCT  TAGTAACATG  TGGGTGTCTG
2301  GTGCCCTTGT  ATCTCCTGGG  ACTGTAGTTA  CAGACAGCTG  GGAACTGACT
2351  GACATGTGGT  GCTGGGAATT  GAACTCAGGT  CCCCTGGGAG  AGCAGCCAGT
2401  GCTCTTGACT  ACTGAGCCAT  CTCTCCAGCC  CTTGTACTTT  CTTTTTGTTT
2451  TTAATTTTAA  ATGGTGTGTG  TTGTTTGTCT  CTCGTCTCTC  CACATGTGTC
2501  TGTCTGTGTA  TATGTTGTCT  GTCTGTCTGT  CTCTCCGTGT  GTGTGTGTGT
2551  GTGTGTGTGT  GTGTGTGTGT  GTGTGTGTGT  TCTGTTGGGG  ACTGATCTCA
2601  GGGCTTTCTT  TATACATGTC  AGGCAAGCAC  TGTGCCTCTG  AATTGCCTCC
2651  TCACAAGGGC  TAAGGGTTTT  GTGACTCCTT  CTTTTGGTCC  CACAAACTCC
2701  TGCCTTCCTA  AGAAGCTAAC  AACTCTAGTC  CCAGTCAGCA  GAGGTAAGAG
2751  AACCCATTAG  TTAAGACTCT  TGATTTCCAG  GGCCAAGAAG  CCCATCCATC
2801  CACAGTAGAG  TCCAGCAATG  GGAGTCTGTT  GGAGGAGGAT  CACAGGACTG
2851  TAGGAAAGTG  AAGCTGGACC  ATGGGGAGAC  GTCAGCTGAG  GACTTGGTTC
2901  CTGCCAGTAG  GCTTGCTTTT  CATCTTTTGT  GGTTGTTGTT  GTTGTAAACA
2951  TTTATTCAAT  GTATGAAGAG  GGTGTTCAAT  TCTCTCTTTC  TACCACATGG
3001  GATCTGGATA  TTGAACTTGG  CCGGCTTGAC  GGCAATCTCT  TATACCTCCT
3051  GAAGTGTTTG  GTAGTTCCCC  GACTCCTGGT  CTGTGTGTGT  ATGTGTGTGT
3101  GTGTGTTCAT  GCATACCCTG  GTGTGGTGTG  AAAGACAGAA  GACAAACTTG
3151  GGGAGTTAAG  TTTCAAGGCC  TGAACTCAGG  TCATCAGGCT  TATACAGCAA
3201  GCACTTTTAC  CCATCAACCA  GTTGACGTGC  CCATTGTTAA  GCTGCTTGCC
3251  TCCTCCTCCT  CCCCCTCCCC  CTTCCTCCTC  GTTTTCTTGT  TGTTGTCGTC
3301  GTCATCGTCC  TCGTTGTTTT  TGAGATGAGG  TCTCATAGCT  CTAGCAGGCC
3351  TAGAACTTAC  TGTGTAGGCC  AGGCTGGCCT  CTGTTTCCCG  AGTGCTGAGT
3401  TTGAAGGCAT  GTGCCACCAT  GCAGGGCGGT  TAGGCATCTT  CTAGTGTGGT
3451  CATTTGATGA  ATGTCTGTCT  CTCCTACTAA  GCTGTAACCT  TCACAACTGG
3501  GATTGATGAC  CTTATTAAGT  TATGTGTCTT  GCATGGCTCC  TAGTGCTGGC
3551  ACTGCCTGGC  CTTTTTACCA  TCCCCACATA  GTTTTGTAAA  AGCAAACTGC
3601  CTTGGCATGA  AGGATTTTAA  GTAAGGAGTC  CCTGTGGGAC  TCAGGATAGA
3651  AATGTAGCCA  CAGAACTCCT  GAGACTGAAG  GATTTTGAGA  CAGTTTATTT
3701  GTGTGTTTTC  TTGAACATAG  AAACTGCAGT  TTTAAAGCTG  CTTATTAGAG
3751  TATTTTATAT  CTCTCCTCAA  CTTTACCTGC  CTGCAGCTAA  TCACTTAGTA
3801  ACATTAAAGC  TGAAAAAATA  TTCAAATACA  AGACAGCTTC  CATATGTTCT
3851  AGGAGACATC  TTTATCTTTA  ATTCCAACTA  TATTTTTATT  TGTGTGTGTG
3901  TTTGTGTGTG  TATGTGTGTG  TGTGTGTGTG  TGTGTGTGTG  TGTGTACATA
3951  GTTCCCATGG  AAGTCAGAAG  TGAGCACCAG  ATTCCCTGGA  GCTGCAGTGC
4001  CAGAAAGCAA  GCCATGCAGG  AGTTGAACTT  GGGTTCTATG  GAAGAGCAGC
4051  AGGTGCTCTT  ACTGAGCAAT  CTCTCCAACC  CTAATTATAA  ATACTTTTAA
4101  GAAAAGAGCT  GGGCAGTGTT  GACACAGGCC  TTTAGTTCCA  GCATTTGGGA
4151  GGGAGAGGCA  GGTGGATCTC  TTGAGTTCAA  GGCCAGCCTG  GTCTATAGAG
4201  CAAGCCCCAG  GAAACAGAGA  AACATTGTCT  CAAAAACAAC  CAACCAACCA
4251  AGAACAGCCA  GCTTGCCAGC  AGTTATTGCT  TATGTTCTTC  ATGAAAGCCA
4301  TTCTGACTTG  GACCACATGA  AATCACAATG  TAGGAATATT  TGTTTGTTTT
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9

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4351  TGAGACAGGA  TCTCTCATAG  TGTCTGTCGG  TCTCCACCCC  CAAGTGCTGG
4401  GATGAAGGTG  GGGGACCTTG  GTCTGGCCCG  TCTTCCCCAC  CGAGCCGTGG
4451  GGGTGGAGCA  TGAATATACA  CATTGGGATG  CTTCAGTGTA  CTTTTTGATT
4501  TGCATTTTCT  TGATGGTTAA  GAATGCCAAA  CATTTTTTCA  TGTGTTATTT
4551  GCCCCCCCTT  TAAAAATTTG  ATCAGTATCT  CTTTTGTTCA  TCTGCCTACC
4601  AGTTGGTTGG  ATTACTCATT  CTTTTACTGT  TCTTTATATA  TTCTAGATAT
4651  TAGCTCCTTA  TCAGATGAAT  ACGATTCCTT  TTTTCTTATT  TTGTAGACTG
4701  TGGCTTTTTC  TATTGATCGT  TTTCTTTTGC  TGCGTGGAGG  CATTTTAATC
4751  TAGTGCCGTT  TATCAGTTCT  TCATCTTATT  TCCTCTGCTA  TTGGGGTCTC
4801  ATTGAGAGGG  CCGGGCCGGT  GAAATTGCTC  AGCGGGTTAA  GGCACTTACA
4851  GCTCAAACCT  GGCAAACCAA  CTGTGCTTCC  CAGAACCCAC  ATAGAGGTGG
4901  AAGGAGAGAA  TCTATTCCAC  GGAGAGAGCT  ATTGTCTGCG  CTGCTGTCTG
4951  CATGACCCTG  TTTTCCCTCT  AGTGTATATAA  ACTCTTATAA  TACAAGTCTC
5001  TGTTCTTCAC  TCCATTACTA  GGCGGTCTTA  TTATAAAGTG  TTTACTTCCT
5051  TGGGATGAAA  GCAGTGTTTC  TATGGCTTGT  AATTCTTACA  CTTGATCCTA
5101  TCCCTAAAAT  CACAAAATAA  ATGGACTCCA  TTTCACAGGC  GACAGCTCTT
5151  TAGATACTCA  AAAGCATTTG  TCAGATCTCA  TTATTATTCA  CCCCCCCCCC
5201  ATTATCCGTA  TGGCATGTTC  TCCAAACCTC  CCCAATTTTG  GTTGCCCCTC
5251  CCCCTTTGAG  CTATACATTC  ATTCATCCTT  TTAATAGCAT  CTCTCTGAGA
5301  ATGTGTTACC  CAGAACTGAG  CGCAGTTTTC  TTGCTCAGGA  TGCTTTCATT
5351  GTGCTAATGG  TGCCAGTAAC  ACATTAAGGT  TTTTAGTTTT  TTTTGTTTTT
5401  TGTTTTTTTT  AAGTAGTCGT  GCCATCCAGC  AGGTTCTCAC  TGAGTCATAA
5451  TACCCTAAGA  GGGGGTCAGA  ATACCAAAAG  AGGCTCTAAA  TTTGGATGAT
5501  TTTTTAATGC  AAATATACTT  TCTGCTCTTC  TTGATTCCTC  GCTGGGAAGA
5551  GAGAACATTT  ATTTGCATTG  CTAACCGCAC  TGGTTTTTAT  TTTTGCCGTG
5601  TAATGTTAGC  ACACAGCTGT  CGATACCCAC  CAAGGAAGAA  TTTTAGCAGG
5651  GGATGACGCA  TTTAGAAACC  TCATTCTTGC  TAAAGGGTGG  ATAGGGAAGG
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5751  GTAGTGATGA  GGATGACAGC  TGACAATGGT  TGGGGTTAGG  AAAACAGCAG
5801  AAAGGATAGG  AGGAGAGGCT  GGATTTCAGA  GAGACAGACA  TAGTCATGTG
5851  AGCAGGACTT  GACCACTAAT  CCGTACAGGA  ATGAACATGA  GTGATGACGG
5901  ATGAGACGGG  GTGAGGCATA  CACTCACACA  CACAGTTACA  CACTCACACA
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6001  CATATACATA  TACACTCATA  CACACTCA  GTTACACACT  CACACTCAGT
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6101  TCACACACAC  ACATACAATC  ACATATACTC  ACACACTTAC  ACACTCATAT
6151  ATACTCACAC  ACATCCATAC  AATCACATAC  ACTCACACAA  GTTACACACT
6201  CATACACATA  TTTACAATCA  CATACACTCA  CACACACAGT  TACACACTCA
6251  TACATACTCA  CACAAGTTAT  ACAATCACAT  ACATACAATC  ACATACAATC
6301  ATATACACTC  ACGCACAGTT  ATACACTCAT  ACAATCACAT  AACTCACAGT
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6401  CACACACACA  CACACACACA  CCACAGCTCT  TGACATCCAG  ATGACCCAGC
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6551  TCACGATTCA  CCTAGCATAG  TTAAGAATAG  AATTATTGTG  CCAACCACAA
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6651  CCCTTGCTTT  GGTTTGCCCT  CCTTGGAGAA  CCAAGGTTTC  TTAGGATTCT
6701  CAGTCATGAA  ATACCCCTGC  TCTCTGACTA  TATTCAGTCT  AGAGCTATGC
6751  CTGCTTCCTT  AAATGCTGTA  CACTGTACCA  GCCTAATCCC  AAATGCTGTA
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6851  TGTTCTTTTT  CATTGTGTTG  AGTGATAAAC  TCATCTTATT  TAGCTCCACA
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7251  GGGGGTCTTG  GTGAAAACAA  TTTTAGCCAG  CGTTTAGCTA  TGTTGAGAAG
7301  ATGGCTAGTG  GGCATCGCAG  CCCATCGTGA  ATTTTTGGGT  TAAATGGAGA
7351  AGCAGTGCAG  GGGCCAGTCT  TCGTCAGACT  GGACTCTAGC  CTCAGTTCTG
7401  CTTCTGCAAA  GGTGGCCTGA  GTGGGTCCTT  ATCGGTCGGA  GGATGATATC
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 7501  GGGAGAAGGG GTAGGGGAAC TTTCAATTAC CTTGTCAGGG TGGGAGTCAG
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10301  CTGAGCGTGT AACCTGGGCA ATGAGAGCCC TTCTTCAGGT TTTTGAAAAG
10351  ACAGCTGGGC CACTGGGCTT CTTTTCTCTC TGAGACAGAC GGGGGAGATA
10401  GGTCAGCAGA TTTACTCGCG GTACAAGTCC TCAGAAGAAA GCAGGTGTAA
10451  CAGAAGCAGA TGAAAAGAGA TTTTGGGGCT AGGGAGAGGG CTCAGTGGGT
10501  GAAGTGCTTG TCACACAAGG ATGAGGACCT GAAGTCAAGT CCCCAGAACC
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11

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10751  CAGTAATCTA  GTCATCTCTA  GCGCTAGCGC  TCCTTCAGCC  AGATAGGAGG
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11801  AGGGGGTCAG  AACTAAAGGG  CTGAAAACCA  CTTGTTTAAA  TCACGGTTTG
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12901  GCTCTTAGAG  GCAAATAAAA  ACTTGAAATC  TTTTGGACTA  GCCAACCAGG
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13051  TCTATAAAAG  AGAGTAATGT  GTAAGAAACA  CGGCTGGAGC  CTTCCCCCTC
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13

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17351   CCCTCTTTCT   GGCGGCCTTG   TAGCATCCGA   CAGTTCTGCC   CACCAGCGAC
17401   CCTATGCTAT   CCACATCCAC   AGCTGCGATC   TTGGTGCCCT   GCCCTTGGTG
17451   AGGTTTCTGC   TGAGATCTGT   GCTTGTGTCA   GATCTGCTTC   TCATACAGCA
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17651   CCTTCCTAAT   GCTGCGACCC   TTCAATACAG   TTCCTCATGT   TGTCATTGAT
17701   TCTCCACCTC   CCACCATAAA   ATTACTTTCC   TTGCTACTCT   GTAATCGTAA
17751   TCTTGCTACT   ATTACAAACA   AACTGTAATG   TAAATATATG   TGTTTTCTTA
17801   TGGTTTTAGG   CAACCCCTGT   GAAAGGGTTG   TTCAAACCTC   AAAGAAGTTG
17851   AGACCACAG    GGTGAAAAAC   ACTGCTCTAG   AAGGTGATAT   AAATTTCAGG
17901   AGATGGGAAC   TGTTGGGAGG   TCACTGGGAG   CACATTCTTT   TCTTTAAAAG
17951   TCATCTCTTT   TATTTTTTAG   AGGTTATAAT   AATATTATTT   CCCCCACTCC
18001   CTTTTCTCTT   TCCAAACTAT   CATGTATACC   CTTCCTTACT   CTCTTTCAAA
18051   CTCATGGCCT   TTTTTTTTTT   TTTTTTTTTT   ATGATTGGGG   TGTGTGTGTG
18101   TTTTGTGTGT   GTTCCTAAAT   ATACAAATAT   AACTGATTTA   CTCTGTATGT
18151   TACTTGTATA   TGTATCTTTG   CAGGGATGGC   CATTTGGTAA   TAGATCATTT
18201   AATTTTTTTT   TCTTTTTAAT   GATGTGCGTT   TCTGTCTGAA   TGTATGTCAT
18251   ATGAGTGAGT   CTGTGGAGGC   CTTGTCATAT   GTTTGTGGAG   GCCAGCAGAG
18301   GGTGTCAGAT   GCCCTGGAGC   TGAAGTGACT   GGTGGTTGTC   AGCCAACAGA
18351   TGTAGGTCCT   TGGAGCTAAC   TGCTGGTCTT   CTAGAAGAGC   AGGAAATCTT
18401   TGTAATTGTT   GAGCGATCTC   TCCAGCCCCA   ACAGAGAACA   TTACTGAAGA
18451   GGGCAACAGA   ACCTTGTGTC   TTCTCTTCTT   CCTTTCTTCC   TTTTTATTTC
18501   CCTGCTGTAA   GGGAAGTGGT   TTTGCTCTGC   TGAGAACCCC   TTCCACAAGC
18551   CCTCGAGGGT   GTGGTGCCTT   CCCACAGGCA   TGAAACAGTG   AGGCAAACCC
18601   ACCATAGATC   AAGTCTTCCA   AAACCGGGAG   CCAAAAGAAC   CTCTTTCCTG
18651   GGCTGAGGAG   ATGGCTCGGT   GGTTAAAGTG   TTTGCTGTGC   AGGCACAAGG
18701   AGGTGAGCTC   CATTCCTGGT   ACCCATATAA   AAGCTGGGCA   CCATGAGGCC
18751   TATCAGTGCC   TCCAGGTCTT   AGGCAGACCC   CAATGGCTTG   CTGGCCAGTC
18801   AGTGCAGTTG   AACCAGTGAA   CTCCAGGTTC   AGGGAGAGAA   CCTGTTTCAA
18851   AAAAACAAAG   TGGAAGAAG    ACACCAGATG   TTCAGCTCTG   GCCTCTACAT
18901   GTGTACACAT   GGACATGTAC   ATGCACAGGC   GAGCAAACCT   ACATAAACAT
18951   TGCATACTAC   ACGCAAGCAC   ACACACAC    ACACACACAC   ACACACACAC
19001   ACACACAC    ACACAGAGTT   GGTTTGTTCA   GGCATTGTTA   GAGAGATGGA
19051   AGGCAGACTA   ATAAACATAT   ATAGTAGACA   TCTTGCTGAA   GACTCTACTC
19101   TTTGTTGTGG   TCAATCTCTT   TTATTTATCC   AGAAAGGAAC   CTTCGTGTGC
19151   TCTCATTATG   GGTTGATTTC   TCCCGAGGTG   GGATGCCGTC   ATGACCAATC
19201   AGTTACATTT   GGCTTTGTGG   AAAGAGAAAA   AGTCAAGTTT   CAAGCTTAAT
19251   ACTTCTTGTA   TGAATCAGAC   CATTGTGTAA   AGAGAATTCC   TGCTGAACCG
19301   GCTTCTGATC   CAAATGTGAC   AGCCGTCCGA   TGCAGTCAGC   AAACACTCCA
19351   CCTTGAATTA   GGACAAGGAA   CTGTTTGTTT   CCTTCAAGAA   CCCTGTACTG
19401   ATAACGCTGA   CAAGATTGAC   ACACTGGGTT   CCTTGGAAAG   TAGAAATTTT
19451   TCTGAGAATT   GTTCCAGAAA   AAAAAAAAAA   AAGAAAAAAA   AAAAAAAAAA
19501   AAGAAACAAG   AAGATAAAAT   GCTATGCACC   AGAGGCGGGG   TAGATGGTTC
19551   TGTAGGTAAG   AGCAGTTGCT   AAGCAAGCAT   GAGAATCTGA   GTTCAAACCC
19601   CCACTACTCA   CCTAAAAAAC   TGGGCGTGGC   CTTGCAGGTG   CCTGCAAATC
19651   CCAGTGCTGT   TGGGAGCAGA   GCTGGGGGAG   ATATTGCTGA   CACTTGCTGG
19701   TTTCCAGCAT   AGCTCTGAGT   CAGAGGGCCT   GTCTCAGAGG   AACAAGGCAG
19751   ATCAAGATCA   TGCCAAGAGC   AGGACATCTG   ATGACCTCTG   GCCTCCACTG
19801   CTCCTCCCCC   ACAACTTACA   TACACACATG   CACACATACA   AAGGGAAAAA
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14

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19851  GCAACAGTCT GCAATAAAAT CTCCTTCCAT TTTGGAAAGC ATCACCACAA
19901  AGGCCTTTCA CCATTTGATT GATGAGAGTG GGTGCTCAGG ATTCTGTTTT
19951  AATAAGCAAG GCTGTTCAGG GATACTTCAG CTGTGCATTC CCTTCCAAAG
20001  TCCAGGCGCA CACAGTCTTG ATGATGACTG ATCCAGGGGC TGGAGACATG
20051  GCTCTGTGAT TCCAGACGTC ATGGGTGAGT ATCTGTATCC CAGAACCCAC
20101  ATAGTGACTC ACACACACAT CTGTACCTCC AGTCTGAGGG GATCCAATGC
20151  CATTTTCTGG GCTCTGGGGG CAGTAGGCAC ACATTCACTC AAGCAGGCAA
20201  AATACCCATA TGCGTAGAAT AAAATAAGAC ATTTAAAAGA TGGCTAATCT
20251  AACCTAACAG AATTTCACAT AGCCCTCTTT TTTTTTCCAG TCAGTTGGCT
20301  TCCTAGCTTG ACGTTATGAC AAGCAAGTAA AGGCATAGAT GTTCCTTCTT
20351  TAGCTGTAAA TGCACAGATG GCCCCTCTTC TTTAGCTGTG AATGTGGTTC
20401  TGATAAGAAA CAAGAGTTAA AGGAGCCAAC ATTAGTCTTT ATCACTCCTC
20451  AGTTACTTTG ACGCGCCTCA GAAAATGGGC TTGTTTTTAA AATTCAGCAA
20501  CGGCTTATAA GACTAGGATG CTTGCCTAGC TCTTACTCAG GGACACACGA
20551  CCCTTGAAGA GGGAGTCAAA ACTGAGGTA TGCATTAGAA AACCTGCCAA
20601  AGTAGGTTTT AAGGTCTTGA GCCCTGTTAA TACAGACAGT GCGGCGGGAT
20651  GAGAGTGGTG CCCATGGGCT CCTGTGTTTC GATGCTGCAT TCCCAGTTAT
20701  GGAGCTTTGG GGAAGGATTA GGTTGGCTTT GTTAGGGGAG GTCTGTCATA
20751  AGGGGAGAGG GAGGGACTTG GAGGTTGCCT GTTATATTAA GAATTAATTA
20801  CCGGGCTGGA GAGATGGCTC AGCGGTTAAG AGCACTGACT GCTCTCTAGA
20851  AGGTCCTGAG TTCAAATCCC AGCAACCACA TGGTGGCTCA CAACCATCCA
20901  AAATGAGCTC TGACGCCCTC TTCTGGCATG TCTGAAGACA GCTACAGTGT
20951  ACTTACATAT AATAAATAAA TTAAAAAAAA AAAAGAAAGA AAGAAACGC
21001  CGGGCGGTGG TGGCGCATGC CTTTAATCCC AGCACTTGGG AGGCAGAGGC
21051  AGGCGGATTT CTGAGTTCCA GGCTAGCCTG GTCTACAAAG TGAGTTCCAG
21101  GACAGCCAGG GTTATACAGG GAAACCCTGT CTCGAAAGAC CAAAAAAAAA
21151  AAAAAAAAAA AAAAAAAAAA AAAGAATTAA TTATTCTTAA TATAAGTGTA
21201  ATCGATGAAT TAATCTGGTA GCTGTATTTG TTTACCTTAT GCTAGTTCCT
21251  ACTAACTGTA CAGAGAAATC AAGATTTATT TAAAACTGTA CCTCAGTAGC
21301  TGAGCAGGAA AAGATGTACC TTAAACTTGT GTGCTAATCT GGCTACTTCC
21351  CAGCCCCATC CCAGAATACT TGCATATTAT TATTGATCTT CAGTCCTGTT
21401  CCTCATGGCT CCAGTTCCTC TGTTCTACCA GTTCATCTGA ATTTCCCTCT
21451  CTTCTCTTTT TTCCTCTGGT TGGCCAATGT CCCACCCTCT TCTCTATTCT
21501  GTTGAGCCAT TGGGTGATCA GCATTTCTTG AGGAGGCAAA GAATAAATGG
21551  TGAGAACTGT TTACACAAC TTGAGACAGG AGATTCTTGG TATAAGCATC
21601  ACAATGACAT GTCCTGATTG AAACAGGATA CTAGGGCAGA GAAATCAACA
21651  TTTGAATAAC CCAAGGGTAA ACTTTACACA GAGCACAAAA CATCACCTGA
21701  CATCTGCAGG GGGTGGGGTG GGGGAGGGGC TCTAAGCCAC CTCAGCGCAG
21751  TTTGAAATGT GAGTTCCCAG CATTCTTAAA CCTTCACTCA GCCATCAGGG
21801  ACTCGAACTT CAGGATCTGC AAACAAGTCA GCTCTTTCTT TTATAGCTTG
21851  TCTCAGTCCT AGTGTTTTAG CCCAGCAGCA GAAAGGTAAC CAATACAGGC
21901  AGTAATTCTA TTCTTACACG ATTATTTTAA AGAGTTAGTA AACCGGGCGT
21951  GGGGGCGCAC GCCTTTAATC CCAGCACTCA GGAGGCAGAG GCAGGCAGAT
22001  TTCTGAATTC GAGGCCAGCC TGGTCTACAG GGCTATCTCG AAGAACCAAA
22051  ATAAATAAAT AAGTAAAATA GTTAGTAATA AACACAGACA AGGGTCTGTA
22101  GTAGACAGCC CTTGCTTATC ACAGTCCCAA GACCCCAGT GCCATCTGAA
22151  GCTGCAGACT GTACCAAGCT TGATACCAAC TATACTTGTT CTTCACTATC
22201  CATCCCTATG ATAGCTTAAT TTATAAGTTG GGCAAAATAA GGTATTAACT
22251  AAAAGAACTA GTAACACATA GAGTGAGTGT ACTACCCTGT AATAAAAGTT
22301  ATTTCAGACT TATGAATTGG TTACTTCTAG AATTTTCCAT TTAATGTTTT
22351  CGGACTATGA CTGATTCCAT GGAACAAACG CACAGAAACT AAAACCATAG
22401  ATAAAGGGGC AACTACAGTA TATCCAAGGA AGGTCATTGC TATATTATTT
22451  ACATGATGGA GAAATTGGAA ATGAACTTGA TTCTTTAAAA AAAAGGGAGA
22501  CAGTCTACCA TAAAATATTG TGTTAAATCC AATGTTGGTG AAGATAGTGT
22551  AATAATATAA AAAAGATTCC AGTGAAAAAC ATATCTAGAA AAGGGCCTGC
22601  GATTATAGAT AAATATTTGC CCTGTGAATA CATGAATGCG TATCACTTTA
22651  TTTTTATTTA TTTATTTATT TATTTTTGAT TTTTCGAGAC AGGGCTTCAC
22701  TGTGAAGCCC TGGCTGTCCT GAAACTCACT CTGTAGACCA GGCTGGCCTC
22751  GAACTCAGAA ATTCACCTGC CTCTGCCTCC CGAGTGCTGG GATTAAAGGC
22801  GTGTGCCACC ATTCCCATCG AGTATCACTT TATAATCAGA AATAATTATT
22851  TTAAATGATC TGGAGAGATT ACATGGCCTC ACCCTCAACC CCTCCTCGGC
22901  TTCTCTATGG TCTGGTTCTT TCCGAACATG TTCAAGGGCC AGGGTATTCG
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15

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22951   TCTCTTAGGC  TTTGGTGATT  AAAAACTTCC  AGCCTGTGGA  CCCCTTGAGA
23001   AAGCCTCTTT  GCAGGAAGAG  GGGAACGGTA  AGGAGTATCA  TAGGAGCGCA
23051   GAACTTTGAT  CTGGGAATCA  TCAGTGTCAG  CAAGAAGACC  ATGAAACATT
23101   ACTGGACAGA  AAGAAAAACC  TCCTGCCCAA  TGTGCTTTCT  CTCTTAATCA
23151   TGAAAATCTC  AAAACGGAGG  CGTTTCCCCA  GCCAGAATCA  CCAGATGATT
23201   ATAATTTGGT  GATTATACAT  TTTCCTAGGA  CTACAGTACA  TCTTCTGGCA
23251   ATGTTGAGAA  AGTGATTGTA  TCCTGACCAG  GCTGGTTGAA  GCATTTCTTT
23301   CCCCTCTACA  GCCTGCCCAG  AGGTAGCCCA  GTATCCCAAC  ACAAAGTCTC
23351   TCCTTCCTGC  GAGGCCGGGC  AGACTTCTGC  AAGCAGGCTG  TAAAAGGGGC
23401   GGGTTCTTAC  CCCCCACCCT  AGCAGCCCTG  TGACCTGTGC  CTTGCTCACT
23451   CTACCCCTCA  GTACTGTCTT  TCCTGAGGCA  TTGGCTCTGC  CACCATAAGA
23501   AAGCCACCAG  TGTCTAGAAA  TCTTGGCATC  TGATGGCCAG  AGGTTGGGAA
23551   ACCTCTTCTT  GGCTCTGGAT  CTTATTATTA  TTACTTATAA  TGAAAAAATA
23601   GCCAGAGAAA  TAAAGATTAG  CATTTTTTAA  AAGTATCCTA  GGTAGAGATG
23651   ACACTTCTGG  AATTATACAG  AGGGGAAGAG  GATAAAGACA  ACATGAAATC
23701   CTGAACGTGA  CCTTGAGTGT  AGCTTACAAA  GGACATTCTT  AGTGGTAGCC
23751   GGATACATTT  CTAGTATCAA  GAAAGGGTTT  TATACAAAGA  ACCTTTTGTT
23801   AATAATAGTT  ATTGACCATT  TGGAGAGAGA  CAGAGACAGA  GACAGAGACA
23851   GAGAGCATGC  ATGTTTCTG   AGAGGGTGGC  TTAAGGGTCT  CTAAAATTTT
23901   ATAAGCATTT  CCTTCTTTCT  CTGTTTTGTT  AAGCGCGAAG  TTAGAAACAT
23951   TTCTACCTCA  TTAGCCTCAA  TTCAAAGACT  CATTTGGGAC  ACCTGCTACT
24001   TAAGCCCAGT  TTTCTATTTT  TAAGACCGCA  ATCTTGGGCA  TTCTTGAAAA
24051   GCATCTGCTT  GTTTATTTTA  GTTCATTTTT  AAGAAAGTAG  CTCCTGGCCA
24101   ATCTGTACTG  CAGTGTCTGA  AGAGATGTAA  CGAAACTAGA  TATAGAAGAC
24151   TGACATGTGT  TGTGTGTGTG  GTATGTGGTG  TATGTGTGGT  GTGTGTGTGT
24201   GTGTGTGTGT  GTGTGTGTGT  GTGTGTGTGT  GTGTGTGTGT  GTAAAAGGGC
24251   AGTGGGTTGA  AAGCCATATT  CTGAATCAAG  GGCAACACCT  GTTAAGTGGA
24301   AACTGGTTAG  CTATAAATAG  AGTGTTAAAC  AGGTAGATCA  GAACACAGTA
24351   ATGGAAGCCT  AGAGTCATCC  CTACCTCTGA  AGCAAGGAAA  CCTGTGCCAC
24401   ACTATGTAGG  TCCTCCCTGT  CGCAGGATTT  TCCTTGTCCA  ATCATATTAG
24451   GGCAGCAGGA  GGCCTGTGAT  TGGACAGGGA  AAAGAGAGGC  GGAGCTAAGA
24501   GTTGCAAAGA  CAGAGAATGT  CTCAGCGAGA  AAGGGAAGCC  TGAGATAGAA
24551   GTGGACAGGA  ACCAGAGTGG  CTTTAACCGC  CACAGGTAGT  TCTGATATCA
24601   CAAGGTGAGA  ATAATTGGGA  TAAAGCTTTC  GTCATTATCA  TTTGGCTCTG
24651   AAATTATTGT  ACTGGCATCT  TGTAAATTGA  GAATTTATTG  ATACATAAAT
24701   CTGATTGGTT  AATTATAAGC  TTCACGAGTT  TTGCTTCTAC  CTGGTAAATG
24751   GGTGTTGTGG  TGGCTGACCA  TGGGGTGGAC  AGTTGTGGTG  TGGGGTTGGT
24801   GTGACAGCAA  AAGGAACTCG  GGAGCTCTGG  CCCCCGCCAG  AGAGTTGGCA
24851   GGTAGAGACA  GAGCCCATGG  GACGGACTGC  CATGGGGCCG  AGAATTGCCA
24901   GCAAACTTGT  GGGACTGTGC  TGGGCCCTTT  AAAAAAAAAT  ATTTCCCGCA
24951   GCACCTCCCA  TACTGTGAAT  GTTGAAGAAA  GTGTTACCAT  TTTTGGAAAC
25001   TTCAAGAAAA  TGATTCAATC  ACCTGACTGG  GATTCATGTG  TGCTCACAGA
25051   GATTGGAGAG  CTTATATGAG  TCTGACCGAG  GTCCTCTGCA  TGTGTGTTAT
25101   GGTTGCATAG  CCTGGTGTTC  TTGTGGAAAT  CCTAACAAAG  GGAACAGGGC
25151   TGTCTCTGAG  TCGTCTGCCT  ACTTGTGGGA  CTCTTATCCT  CCTACCGGAT
25201   GGCCTCATCC  ATCCTTGATG  TGAGAACATG  TGCCTGGTCT  TATCGTAGCT
25251   TGTTATGCCA  TGTTTGGTGG  ATGCCCCTGC  TCGTCCTGCT  CTTTTCTGAG
25301   GGGAGGTGAA  GGGTGATGGA  TCTAGGGAAA  AGGGGAAGTT  GTGGGGAGAG
25351   CCCGATAGGA  GGGGAGGGAG  GAGAAACTGC  AGTTGGAATG  AAACATATCA
25401   GAGAAGAATA  AATAAAAATG  AAAAAAAGA   GTAAATGATT  CCATTTTTGG
25451   ATGTAGAACA  AAAGCAAGAA  GACATGGAAT  GATTAATAAA  TAGGATACAC
25501   TAAACCCAAC  TGCATACTCT  CAAGCAAACT  TCCCCTGAGC  TGGATTCCCA
25551   GATATCTGGG  ACCACTCCAA  AGTCCTCAGC  CCATCAATAC  ATACTTTATG
25601   AGAACACACA  GAAACAGTCA  ATACATTCAA  ATACACAACA  AGGGGTGCCT
25651   ATAGGAGAGT  TAGGGCCAAG  AAAGGATTAA  TGAAACACTT  TTTTCACTGT
25701   GTCTGTGTTC  CCACATAAAT  ACCTGAGGCA  ACCAATTCGT  AAAGAAGTGA
25751   TTTTACTTTG  GTTCATAGTT  TTGACCTTAA  AAAATGGTTT  TTACATTTAT
25801   TTACTTCAAT  GTGTATGTAC  ATACATGTGC  CATAGTACAC  ACATGGGCCCT
25851   CAGAGGACAA  CTTTCCAGAG  TTCATTCTCT  TCCTCTACCA  CATGGGCCCT
25901   GGGATTCTAA  TATCAGCCTT  GGCAGCAAAC  GAGGCTGTAT  CTCTCCAGCC
25951   CCAGCTCACA  GTTTTGAAGT  CTCAGAAACT  GCAATCATGG  CCCCCTGTCC
26001   CTGGGACCAT  GGTGAGTCAG  TGCATCATGC  AGGAACTGTG  TGGGCCTTGG
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16

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26051   CTAGGCAGCA  CAAGAGAAGG  GAGGGAGCTT  GGGCTCCACA  GACACCTTCA
26101   AGGGTACACC  CTTAAGATTT  GTAATATTGC  CAATTAGACA  GGATCTAGAA
26151   TCACTCTGAG  ACAAATCTCT  AGGCACGTTT  GTGAGGGAAC  GTTTGTGAGG
26201   GATCATGTCG  ATAAGGTTAG  CTGAATGTGT  TACATATATA  TGTATGTGTA
26251   TATGTATATT  TATATGAATA  TATGATTGGT  TACATACATA  TGCACCGCAA
26301   AATTTGTTTT  CTTTTTTTGG  GGGGGTTCAA  CTACATTAGT  ATTTATTTAT
26351   TTTTATTGGG  TATTTATTTC  ATTTACATTT  CCAATGCTAT  CCCAAAGTC
26401   CTCCACACCC  TCCCCCACCC  ACCCACTCCC  ACTTCTTGGC  CCTATCGTTC
26451   CCCTGTACTG  AGGCATATAA  AGTTTGCACG  ACTAATGGGC  CTCTCTTTCC
26501   ACTGATGGCT  GACTAGGCCA  TTTTCTGATT  CATATGCAGC  TAGAGACACG
26551   AGCTCCAGCG  GCGTACTGGA  TAGTTCATAT  TGTTGTTCCA  CCTATAGGAT
26601   TACAGATCCC  TTTAGCTCCT  TGGGTACTTT  CTCTAGCTCC  TCCACAAAAT
26651   TCATTTTCTA  TTGAACACTT  GCATCACCAT  AAAATATTTT  TTTTTTACCT
26701   CAAGCCACTG  TAAGTTAGAG  ACTCTGTGTA  TACTAATGAA  AAGGTAGAAC
26751   CTAAATGTGG  GCAGCACAAT  TCCCTAGGCT  GGTGTCTTGC  ATTAAATGAA
26801   GGAAGCTGGC  CGACCACCAG  GATTAGTGGC  TTTCTGCTTG  CTGGCTGTGT
26851   ATCTAATGGA  ACTAGCTGGT  TCAAACTCCT  GCTTCAATGA  CTTTGCCACC
26901   AGGGTGGGCA  GTGTCCTCAA  ACTTCTAAGC  CAAAACAAAC  CCTTCTTCTC
26951   TTAAGTTGTT  TCTTGTTGAT  TTTGTGACAG  TGGCCCCTGG  TGACCTTTAA
27001   GACCTCTCAC  CAGGTCCCAA  CAGTACTGCA  GGCCATGGTT  CGCCATGGAG
27051   ACTTGGGTAG  ACAGTCAAGA  TCCAGTGACA  ACACTCCCTA  ACTCCATAAT
27101   GACACTCTAC  AATAACAACC  TAAAGGAAGC  ACCCCAACAA  CAATGAATAG
27151   ACTATAACGT  GTGTGTGTGT  GTGTGTGTGT  GTGTGTGTGT  GTGTGTGTAA
27201   TGTGAAGGCT  CAGTAGTGAG  TTGGGTAGGA  ACAGTTTCAA  ACAGTGCATT
27251   GAAGCTGCTT  CCAATTTTCC  ATTATTATAG  AGTCCCTAAC  TTACAATGGC
27301   TTGACTGAAA  AAAAAAAAAC  AACAAAACAA  ACAAAAAACA  ACCAACTTTA
27351   TGATAGTTCA  AGTGCTACTG  TTCAATAGAC  ACTGCATTTT  GAATCTTGTT
27401   GTTCAGATGG  TATGTAATTC  ATCCTGTATT  AGCTTGCCAC  TCCCAACTGT
27451   TCCAAGAAAA  TATGTCTGTT  TCTATATCTA  TATCTAAATG  TGTGTATGTA
27501   TGTATGCATA  TATGTATATG  TATGGTGGGA  TATATATGTG  TGTGTGTGTA
27551   TACACACATC  CTACTAGTTT  GATGCCTCTG  GAACATTGTT  TACTGAGTTG
27601   AAATGTTAAT  TGGCTATCTG  ATCTCTTTCT  CCACACATGC  ATACACACAC
27651   ACACACACAC  ACACACATAC  TTTTTGCCCC  TCTGTCCCTC  TGCTATAAGC
27701   ATGAGACCTC  CTGAGAAGTT  CTGGCACATA  TTCCTTGCTT  TAGGGAGTGT
27751   TTCTGATTAA  GGACTTGAGC  AGGTTACAGA  TGTTAAACGC  ATACAGCCAA
27801   GTATTGAGAA  TTTGCCTAAT  GAACCTACTT  CTCCTGTTAT  CAGTCAACAA
27851   CTGAATGTAG  AGTTTCTTCT  CTCTTCCTTT  TTTCCCTTCT  TACTTTTTCT
27901   ATCTCCAAGA  AATGCAGGA  GCCATTCTGC  GTGACTGTGA  TGCAGTGGGG
27951   CGCCATGCTG  ACACTGAGGT  CACAACAGGC  AAGAAAATTT  GCTATCAGTG
28001   TTCCTTACTG  GATGTTGCTG  TGCAAACTGA  GTTTAAGCTT  TCTTGGAAAG
28051   GGACTCTTCA  GCGAAACTAG  AACAGTATTC  TTAATTTATT  ACCCAATGCA
28101   ATCACATCCT  CTAGCTGTTG  TAATGAGGGT  GACGTCAAAG  TCCTCACAAC
28151   CTGGGGAATG  TCAATGACAT  TTCTACCTTG  TGGACACACT  GTGGACCATC
28201   TGCTCAAATA  ACGACTACCT  TCGTGCTAGA  GAGTCTGGTG  AGCTGAGCAC
28251   TTTATAAGTC  ACCACGACCT  GTGCAGATGC  AGCTTTGAAG  GCGCCCACTT
28301   TCTATAACGC  TCAGACACCC  CCTCATCCCT  TTACAATGTA  AACGGGAAGC
28351   TGTAGCTTTC  TTTATGTGTC  GTAAGCAAGC  ATCACAAACT  GGGTAACTTA
28401   GAAACATAGA  AACGTGTTTT  CTCACAGTTC  CGCCAAAGAC  CAAGAGACTC
28451   GAAGGCACCA  GCAAGACTGG  GTCCTTTCTC  AGGTTCAGAG  GGAGAATCGG
28501   CTTCCTGCCT  CCCTCAGAGC  TTCTGATGGC  TGCTGTGAGA  TGTGTGATCC
28551   AGGACTTACG  GAGCTTTCTC  CTAGAAATTG  TAGAAATAAA  CACCAAGACT
28601   ACAGTATGGG  CTCTTAGGCA  ACATTTTATC  TGGAAGGAAA  GCAGAGAAGA
28651   GGAAACAGCC  ACAGTGATTG  TGGGAGGTGG  CGGCTGTCTG  TGGAGAGAGA
28701   CCAGGCAAGC  TGCTTGGTTG  CTGGAGTGGT  CTGAGGGTTT  GTTAGTCATG
28751   AGATGTTTCC  TCGTGGCTTA  AGGGGATTTT  CCTGTACAAG  ATACGGATCC
28801   CTGTTCAGTT  GGCCCTAGAA  GACATTCTGG  CTTTATCTTG  AATCTTTTGT
28851   GATAAGATAG  AGCACCGGGG  GCAAGCGTGT  TTAATACACT  GTTGTCATAG
28901   AGGAGGGAAA  CTCTTGGTGG  GCAACAGGTT  TCCTGGTTTA  AAGGCATAAG
28951   AATCTATGTC  TGTCCTCCAA  CAGAAGTCTC  ATTTCAATTT  CTGTCTCATT
29001   TGGTGCATCA  TTTCGCCTAC  ATCTTCTCCG  TGTTTTCTCT  GCGTACCTTC
29051   ATTCCTCTTT  TCTCGTCTCC  CACCATCCCT  TTCTCTTGAC  CCTGTCTTTG
29101   GACATAGGGC  CAGACCTAAG  CCAGCATGCT  CTCATCTTTT  TTTTTTTTTT
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17

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29151  TAAGAATTAC  TTATTTATTT  TTAAAGGTTC  ATTTATTTTA  TTATGTATAT
29201  GAGTAAACTG  TAGCTGTCTT  CAGACACACC  AGAAGAGGGC  ATCAGATTCC
29251  ACTGCAGATG  GTTGTGAGCC  ACCATGTGGT  TGCTGAGAAT  TGAACTCTGG
29301  ACCTCTGGAA  GAGCAGTCAG  TGCTCTTAAC  CACTGAGCCA  TCTCTCCAGC
29351  CCGCATGCTC  TCATCTTGAG  ATCACCCATA  ACTAATAAAT  GATGTCTCCA
29401  AAGATTCTTT  TCCCGAATTA  AGTCACATTC  AGGTTCCTGG  GACTAAAGCG
29451  GGCAAGTGAA  CCAACCCACT  ACATAAGGCT  TCATGATCGT  CCAGCTCTAT
29501  ATTCCCAGTG  GGAAGCTGAG  GTGGAGTCCC  AGTGGTAGCA  CATTGAATCC
29551  TTTGACTGCT  GTTGTGTGGA  GAACTATAAC  CCTTCCCCCA  TGCCCTCCCC
29601  CCACAAACTT  AATATTTTAC  ATCTTTAGAG  AGGTGACTAG  ATTAAATGAA
29651  GTTACTAGGA  GTAGTTCCCT  AATGCAATTG  GACTGGTGTC  TTCATCAGAA
29701  GAGGAAATGA  GGTCAGAGGA  AAAGATGGCT  ATCTAAAAGC  GAACAGAAGC
29751  CTCAGGCATC  GTTGCTGACC  CCAGGTTTCC  ACCCTCCAAG  GCCACGATGA
29801  TGCAGATTGC  TGTCGTGTTA  GTCACTCTGT  GGCACTTTCG  TCACGGCACC
29851  CCGTCACGGC  ACCCCGTCAC  GGCACCCCGT  CACGGCACCC  CGTCACGGCA
29901  CCCCATCAAA  TGAACGCACG  TGCTTCAAAC  CCACTGTCTG  CCACAGTTCC
29951  ACAAGGCAGA  GGCCCATCCT  GCCAGGCACT  TTGGGGACAG  CTACCACATT
30001  AGAAGAGAAG  ACCCTCAAGT  AAGATATCCT  GTCTCTTACT  AATGAATGTC
30051  TCAATGATAG  GGCTTGTTAT  TCTGTTTTTG  GGTGAGGGTG  TTAGGTTTCA
30101  GACCCAGGAC  AAACAGCTGA  GGTGTGTATT  TTAGGTATGA  AAGTGTATCT
30151  AGCCTCCAGG  TTCTCCCAAC  ATCCCTCAGT  CCCTACCTGT  TACAGGGCAT
30201  GGCTGGCATG  CCCTGCCCTC  TGCCCTTAAC  TTTCCAACCC  AGGGGCTGGA
30251  CTTCCCCTCC  CCTGAAAGCT  CTTCCCGATA  CAATCCAGAC  ATCTTGGTCT
30301  TTTGGTCCCT  CCTCTCTCTG  TCTCTGTCTC  TGTCTCTGTC  TCTGTCTCTG
30351  TCTCTGTCTC  TCCATCTTCT  CTCTCCCTGC  ATGTATAAGT  TCTTTCTCTC
30401  TTCCCTTCCC  CCCTTCTGTC  TCCTTCCTCA  TGGTGTCTTC  CCTGGCCTCA
30451  TTCCTTGGGA  CCAGTGATCC  CACCTAAGAG  CAACTTCCCA  AGAAACCTGC
30501  CTTTATATAC  TTTAATCTGG  TTTGAATTGG  CTCCTTTGAT  CATCGGAGAA
30551  TACTTACGGG  GTGGGGGTGG  GGTTGGTATT  TTGAGACAGG  GTCTCTATTG
30601  AGCTAGCTTG  GAACTCACTG  TAGACTAGGC  TGGCTTGGAA  CTCAGAGATC
30651  CACCTGCCTC  AGCCTCCCTG  GTGCTGGGAT  CAAAGCTGTG  ACCCATGCCT
30701  GGCTTCATCT  ATGGTCTTGT  TTTGTTTTGT  TTTGTTTTGT  TTTTTTGACC
30751  AGCAGTATTG  CTTCCTGGTG  ATCATGACAT  CACAGCACTT  CTCTTCATCA
30801  GTGGATTCTT  AGGTGTAGTG  AAATGGCTTA  TGACATCCTA  GAAAACGATT
30851  GGTTGGTTTC  ATGTAGGTGT  TGGTCCCTGA  GTTAATTATG  GGTGTGTGTG
30901  TGAGAGAGAG  AGTGTTGGCT  GGTTTTGTGT  CACCTTGACA  CAGACTAGAA
30951  TCATCTGAAA  TTGAGAAAAT  GTCCCCATGA  CATTGAGCTA  TAGGCAAGCC
31001  AGCAAGGCAT  TTTCTTAACT  AGTGATTGAT  AGAGGAGGGT  CCAGCCCATT
31051  GTGGGCAGGG  CCACCCCTGG  ACTTGTGGTC  CTGGGTTCTA  TAAAGCAAGC
31101  TGAGCAAGCC  ATGGGGTACA  AGCCAGTAAG  CAGCACCCCT  CCATCAACTC
31151  CTGCTTCCAG  GTTCCTGCTC  TATTTGAGTT  CCTTTCCTGA  CTTTCTTCAG
31201  TTACGGATAG  GATGTGGAAG  TGTAAGCCAA  ATAAATGCTT  ATCTCCCCAA
31251  CTAGCTTTTG  GCCATAGTGT  TTTAACTGCA  CTAGAAACTC  TAAGAAGATG
31301  GGAGACCTAC  TGAATGAGAA  CTAGAGCGGG  GCTCTGTCGT  CGGTAGTGTG
31351  TGTATGTGTG  TACATCACGT  GCACAAATGT  AAGGAGGCTA  GAAGTTGACA
31401  TCAGCTGTCT  TGTTTTGAGA  AAGGGTTTCT  CTGTGTAGCT  CTGGTTGTCT
31451  TAGAATTCAC  CATATAGGGG  CTGGAGAGAT  GGCTCAGCAG  TTAAGAACAC
31501  TGACTGCTCT  TCCACAGGTC  CTGAGTTCAA  TTCCCAGCAA  CCATATGACT
31551  CACAACCATC  TTTAATGGGA  TCTGATTCCC  TCTTCTGGTG  TGTCTGAAGA
31601  CAGTGACAGT  GTAGTTGTAT  ACATAAAATA  AATAAATCTT  AAAAAAAAAA
31651  AAAGAACTCA  CTGTGTAGAC  CAGGCTGGCC  TCAAACTGAT  AGAAATGTGT
31701  CTGCCTCTGC  TTCCTGAGTA  CTGGAATGAA  AGGTGTGTGC  CATCACCACT
31751  TGGCTGACAC  TGGGTGTTTT  TCTTAATTAC  TACCTTGATT  TTTGAGACAG
31801  GGTCTCTCAC  CAAACCTGAA  GTTTATCAGT  TCTGATAGAC  TTGGTGGCCA
31851  GCAAGCCCCA  GGGACGCTCC  TGTCTCTACC  TCCCCAGTTC  TGATATTAGT
31901  AGGTATGTGC  TACTATATCT  GGCTTTTTAA  ATGTAGGTGT  TGGGCATTAA
31951  ACCCAGTTCC  TCATAGTTAT  GTAGCGAACA  CCACTGACTA  AGGAAACCTC
32001  CCTAGCCCCT  GTCATCTGTG  TTCTAAAAAG  CTCTTTAGAT  TCAGATTCGG
32051  GTTGACATTT  GACAACCACT  AGAGAGAGGA  GCAAGCTGTC  CAGAGCTGAA
32101  CTGTGATGCC  ACGTGCCCCA  CAGAAGCACA  TGTGTGTGTG  TGTTATTAAC
32151  GTGTTGTTAA  CGTGTTCCCT  CCAGATGAAC  CTGCAGGAAG  CAATCAGTGA
32201  GCCTGGGGTG  GCCATGGAGG  GGCCAAAGAC  ATATACTTCT  GCAAAGAAAG
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18

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32251   CCAAGGAAAA AAAGAACTTT GCTTCATGGC CGCCTCTCTT GCCTGAGTGT
32301   CAGCTGTTTG ACATCTTTCC ACTCCTCCGA GCAACACAGA AGAACATGGC
32351   TCTCTCAGAA GACGAACCGG GCATCCTCCC AAAACTGTCA CAAAATGGCA
32401   CATCCTGCAG TATTTACTGA TCCCCTGGGA AATGCTAACC AGAAATTGGG
32451   TTTGCTTCTT GACTTGTGTC TTCACAGTTG AAAACCTTCT AAAATGGACC
32501   TGTCGCTTTG CCACACACAG ACCAGGAAAA CCCTAAGGGG CAAGAACTTG
32551   GAAAGATTTC GGATCTTTAT GAAGCACTCT GACTCAAATT CCGACTTGAT
32601   TTCTGGAGAG ACGAAGGCTG GGAGTCACTG AGTTCTCACT GACCTCTGAG
32651   CTTTGTGTGT GATCTCAGGG GGACATCGTT TGTGGCACAT CCCAGTGTGT
32701   ACATCTACGG CTCATTTCCC ATTTATAGCT GACATGTGAA CGTCAGCTAC
32751   TGGGCTGGCA GTTGCCGGAA GTGTGGCACA TTTTAAAAAA CACGGAGACA
32801   CAGCTGCTAA AGTCACTGTT GTGTCCCTAA AAACTGAAAT GGAGTGCTCA
32851   ATGCACTGGA AGGAAGAAAA CATCATCCTA ACAGCCATGG CCTCTCCAGG
32901   AGCCCCCAGA TCTCTGGTTC TTGTTTTGAG CATTAGCTCT TTCCATTAGC
32951   CAGTGTAGGC AGCCCTGACT CTATGATTGG GAGAAGCAAC ACAAAGTGAA
33001   AATAGAGATC TTCTGTGTGA AAGTTCCTTT GAGGTGGGAA CATTGAAGCA
33051   AGTGAGAGGT CTTTTTGAGT GTGGAGCCCC GTGCTTCTGA AGGAGTCTGA
33101   CCCACGAAGA TAGCTCGGTG TGTAGGAGCT GGGATGAAAT TTTACGGACC
33151   CTGATACCTT TCAAGAAATA GCTTTATTTT TCTTCAGAAA CCCTAAGAAT
33201   AATCCTTTTA TATACTTATT TTCTTTCCCA GATGTACTGC CCAGATGTGA
33251   TTGCTACGAT GAAATACTGG AGTTATAATG AAATACCGGA AACACACTCC
33301   TTATAAAGGA AAAGAGATTT ATTTAGCACC CAGTTTTGGA GCTCCAAGGG
33351   CATGGCCCTC TATAATATGT TCTGGTGAGG GTCTTTTTGG CTGTGTCACA
33401   AGACTGCAGA TAGTAATAGT GAGCTGCATT GCTAAACAAA GAGTTAGAGA
33451   GAGTAGGACC CCACTCTGGC TCTTTATCAC AATCCTCCCC AGAGAATTAA
33501   CTTGCAAGAA ATACTTGTAT TCCTTTCGAG GGCATACTAC CAATAGACCA
33551   ATGGATCTCC CATGAAGCAA TATCTCTTCA AGGTCTACCC AGCATCATCA
33601   CACTGGGAGT CAATATTTCA ATTCATGGAC CCTTGGTAGA CAAACCAGTT
33651   CCTAACCATA ATACTATGAA AGAGAAAACA GCATAATAAG GAAGCAGGCA
33701   TATTTGATAT GACCTCCATT AGTCCCAGGG TTTTTTTTTG TTTTGTTTTG
33751   TTTTGTTTTG TTTTGTTTGT TTGTTTTTTG TTTTTCGAGA CAGGGTTTCT
33801   TTGTATAGAC CTGGCTGTCC TGGAACTCAC TCTGTAGACC AGGTTGGCCT
33851   CGAACTCAGA AATCTGCCTG CCTCTGCCTC CCGAGTGCTG GTATTAAAGG
33901   CGTGTGCCAC CATGCCCGGC TAGCCCCAGT TTTTATCCCC TTGAATATAA
33951   CTGGTCCTGG GAATGGCCCT CAGCGGTACC TTCTGGAGAT ACTGAAGCAT
34001   GCTTCCCCAT CCACGAGTGC TGGATAGGCT ATTAAGACTC AGTAGTGGGG
34051   CTGGAGAGAT GGCTTAGCAG TTAAGAGCAC CGGCTGCTCT TCCAGAGGTT
34101   TTGAGTTCAA TTCCCAGCAA CCACATGGTG GTTCACAACC ATCTGCAATG
34151   GGATCCGATG TCCTCTTCTG TTGTTTATGA AGAGAGCAAC AGTGTACTCA
34201   TACAAAATAA AAATAAAAAT AAAAATAAAA AGTTCATTAG AAGCACTGGG
34251   GGTGCATATC TTTAATTTCA GCACTCAGGA GGCAGAGGCA GGCAGATCTC
34301   TGTGAGTTTG AGGCCAGCTT GGTCTATAAA GTAAGTTCCA AGGCAGCTAG
34351   GGCTGTACAT AGAAACCCTG TCTAGAAAAA CAGACAGACA GACAGACAGA
34401   CAACTCAATA GAATGGCAGT GGACTTGACA GAAACCCTCC CCTCACGATG
34451   TCTGCCTGAG CTTCTTGTGC TTCTGTTCCT TACTGTGAGA ATGTCCTGTG
34501   TCGCTGCAGG TTCAAGGAAA ACTGGAGAAA TAAACCCAGA GTAGACTCAA
34551   CCCCGAAGGG GAACCCAGAA TAGAGCTCTC CCTGCCGACC TGCAGATCTC
34601   AGCGGGGGAA AAGGTGATAC CGTTGTGAGC CACTGAGCCA TTTCTCACAC
34651   AGCGTGCTCA AAATAGAAAC CCGGTGGAGA AGGTATCCTT CCCAGGCAGA
34701   GGCTGAGAAA TGAGAAGAGA TGTTAGAAAA AGGCCAATTA ATGCTAAGTA
34751   TCGATGGTCG GTCCCCATGT TCAAATCCAG CCAACAGTTA TTAAATAAGT
34801   TCACCACTAA GCTTCCTAAT TAGAATCCAA ACTGGAATCT AGTCTGCTGT
34851   GTCTCAAAGT CCTTTCCGCA ATGGGCAGAG AACTTTGGAG CCTGCGTTTG
34901   TTAAGCTATG ACTGTATGTT AGTGTCTGGG TAAAACACTG TCTTATGTTT
34951   TATTTCAAAC AGTCCTTTCC ATAATTCTGT GCTTTCATTT CCTAACAGTA
35001   TCCCCACTTT TCGTCATAGG AACGGAAACC CAGAGTGGGT AAGTAACTGT
35051   CAGAAGCAGT AGAGGCTGAT GACACCCCAG GCTCACACTG AAAAGCCACA
35101   CCTTTTGGCC CAGTTTGTAA AATGCTTGCC CTACAAGCAT AAGGGCCTGC
35151   TCTCATCAAA AGCCATGTGT GGGGTTGTAT CTAAAATCCA ATTGCCAGGG
35201   AGGCAGAGGC AGGGGGATCT CTGGAGCATT CTAGCTAACT CCTCTTGACA
35251   AAACAAAGTT CCAGACCCAG TGAGAGGCCC TGTCTTAAAA AAAAAAAAGC
35301   TGAACAGAGG AAGCAGATGT CTGATACTGA CCTCTGACCT CACAGGCACA
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35351   CATAACTGTA   CAGGATATTA   CACACATGAA   AGAAAGACGA   GTATAGGATG
35401   AGAAGGAAGA   GGAAGGCAGG   CAAATGGGAG   GGGCATAGCT   TACCCCTGAA
35451   CTTGACCACA   GCGACTTCTG   ATCTTGGTCA   TCAGCTTAAA   AATATCCATG
35501   TGACCCGGTG   AGCTGGCTTG   GCAGGAGGGA   CACTTGCTGC   TGAGTCTGAC
35551   AACCTGAGTG   AGTTTGGTCT   TTGGGATGCG   TGTGGTGGAA   AGAGAGAACC
35601   AACTCCTTCA   AGTTGTCTTC   TGACCTCCAC   ATCCTTGTAA   GTGTACATGC
35651   AAGCCTGTGA   ATTACATTAT   TATTACAATT   CTGTGTATAT   TAATTAACAC
35701   TGAAAATTAA   TACAGTGGCA   ATTATTCCTT   AACCAGTTTC   CCCCCCAAAT
35751   AACCACACAA   AAACCTTTTA   ATATTTCAAA   GCTTTAGGCC   TTAGCTGGGC
35801   AGACTCTTTT   TTTTTTTTTT   TTTTTTTTTT   TGGTTTTTCA   AGATAGAGTT
35851   TCTCTGTGTA   TCCTTGGCTG   TCCTGGAACT   CACTTTGTAG   ACCAGGCTGG
35901   CCTTGAACTC   AGAAATCTGC   CTACCTCTGC   CTCCCAAGTG   CTGAGACTAA
35951   AGGCGTGCAC   CCCCACTGCC   CAGCTAGCTG   GGCAGACTCT   TAACTCGCTC
36001   ATCTAAGTTA   ACCTGCCCAT   CTAGCCCCAT   CCAGTCAAGT   GCCTAGCTAT
36051   ACCTTCCAGG   CCCATAGTAA   CTTTTATCTT   CTCTCATGTC   TCCTGATGAA
36101   GAGGTTTTTC   TCTTTCTTCT   CTATCCCAGG   AAGTCACACC   ATCCACTTCC
36151   TGCCCAGCTA   ATTGGCCATG   AGATTTTTTT   TTTATTATTA   TTAAAGTCAA
36201   TCAAAGAATG   CCTTACATAG   GTGGGAACA   ACAGAGACAC   AATTTTATAC
36251   AGTGTATCTC   CACAATGCCC   CCATCCCACT   CAAAATAAAT   AACTGAGCAA
36301   ATGTTAAAAC   CACACACACA   CACACCACA   CACACACACA   CACACCACAC
36351   ATACACACAC   ACACCCACCA   CACATACACA   CACACCACAC   ACACACATAC
36401   ACACAATGTT   AAACCACACA   CACACCACAC   CACACATACA   CACCCACACAC
36451   ACACACCCAC   ACACACACAC   ACAATGGTAG   CTAACCCCAG   GATACTTTAT
36501   TTAGTTATAA   ATATAATAAG   TCATGTACTG   TATAGTTTCT   TTTTTTAAAA
36551   GTAATTTCCA   GGGTTTTCCT   TGGAGAAACA   GTAGGCAAAC   CTGTATTTTA
36601   GTGAGATGCA   CCTGATATTT   GGGTGATGTT   AGGCATGGTA   GTTACAGGCA
36651   GAAAGGACAG   TCCCAAGCAT   TTACAACTGG   AATGGACGTA   TTCCCAGCTG
36701   CTGAGGAAGA   TGCCTTGTCT   CTGCCCTGTC   AACCTGGCTC   ATGGGAATGA
36751   AGAACCGTTT   TCCCCATGGA   CTCTAGTCAG   TCACGTAGCC   ATCCTCTGGA
36801   GAGTCTCCCC   CACCCACCCC   AAAAAGACAG   AAAAGAAAGA   AGGACAGATT
36851   CTCAGATAGC   TCAGGCTAGT   CTTCAACAAG   ATATATAGCT   GAGGATAACC
36901   TTGAATTGAT   ATTCCTACTG   CCTCCTCTTT   CTAAATTCTG   AGATTACAGA
36951   CATGTGCCAC   TGTACCCTCT   GAGTTGATCT   TCTGACCTAG   AATTTATGAT
37001   GTAAGGGTAC   GAAAGGGAAA   CTCCCCATGG   GAAACAGAGT   AGTGCCCCAG
37051   AGTCCACACA   GACATCTTTC   CCCAATCACT   GGAGCCTGAG   AGTCACATGG
37101   CAAAGGGGCA   TAGAGCTGTC   AATCAACTGA   CCTTAAAGCG   AGGAGAATGT
37151   GGGCCAGGTG   GTGGCAGCAC   ATGCCTTTAA   TCCCAGCACT   CAGGAGGCAG
37201   AAGATGAGTT   TGAGGCTAGC   CTGGTCTACA   GAGTGAGGAC   AGCCAGGACT
37251   AGACAGAGAA   ATCCTGTGTC   AAAAAAAAAA   AAAAAAAAAA   AAAAAAAAAG
37301   AAAAAAAAAG   AAAAAAAAGT   GCTACTTTAA   GCTTAAGACA   GCTTTGAAGG
37351   GAGGCTCTAT   AGCCAAGGAA   TTCGGGAAGC   TTCTAAAAGC   TAAAGAGGTA
37401   AAGGGAAGAC   ACTCCACACT   AGCACAGACC   TGTTGACCTT   TCAAGCTAGC
37451   CTAGTGAGGT   CCTGTTTGGA   CTTCTGAGTT   CCAGAACTGT   AAGATTCCAA
37501   ATCTGTGTTG   TTTTGAGTCA   CTGATTGGTT   GGAATTTATG   ATAGTGACCA
37551   CTAACAAACT   CCAACACTCC   CTAAAAGAAA   ATGGTGGTGC   TTTTTCCAGA
37601   AGGAAGGGGG   TGCTGGGTGG   GGAAATGCCA   GAGTCTGTAA   ACTAGACTCT
37651   GGGCATCTTG   TTAGGTATTT   GCTGTGGGGA   GAAGAAATCT   GCGTTCAGTC
37701   TCATCTATAG   TCCTGTGTAT   CGGGTCCTCA   GGGCTCACTG   TGCCCTTCAG
37751   CAAGAGCAGA   AAAGCCTGCA   TGTACTGCCC   AGCCCGGACA   CCTGCTTCCT
37801   TCCCTCACTG   CTGTTCACCA   CCAACAAGTT   ACTCAATCTT   CGTAGGCTTC
37851   GGGAAGATGA   TGATACTCAT   CAGATGGGTT   TTATGAAGAT   TAAAGATGAA
37901   TACATTAAAA   AAAAAAAACT   TGGCCGCACT   GCTGGCACAT   AGGGTACACT
37951   TAAGCTACTA   AGTAATTCTT   GGGACATTAG   GTAATATAGT   ATAATTCTGC
38001   CTTGGTGCCA   CGACTGCTTG   GGTATGAAAG   TTACCTTTGC   CACTTGGAAT
38051   GTCTGTGTGA   GCAGTGATTA   ATGATCTCTT   AGGCCGTTTC   ATTCTTATGC
38101   GAAACGCAAT   GCTACGGGTA   TTACCTCATC   GAGAGGTGAG   GAGGAGTGGG
38151   GTCAGCATGT   TTAACTCAGC   AGCTACTGTT   TGATGTATAT   GATCCATGCC
38201   ATCCCCACCA   TCAGCTGTCC   ACCTTTGTCC   AAGTTGCCCT   CCCTCCCTCC
38251   CTCTGGATGG   TTGATACGTA   AGCAAAGCAT   CCCAGGAGGG   TGGCATCTCA
38301   CAGGATCACC   AAGACCTTCT   CATGTGGGAG   GAACCATGGT   TGCCACACCG
38351   TAGGGGAGCA   ATATTATCTT   TCTTCCAATC   AGGAAGCAAG   ACACGGCAGT
38401   CCTCTGGCAA   GCTGCGTACT   TAGCACACGA   GAAACGAGGG   CAGTAGGAAA
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20

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38451   TTCAGTGTCC  AACGCACACC  TCACTCTGTG  GGACAGGGAT  CCCTACAGAC
38501   TGCAGGGTCT  TGCTTTCCTC  TCCCCTGCAG  TCTGCAGGAG  TGTAGGGTTG
38551   ACCTGTTGTT  GTTTTCACAC  TTGATAACAA  GGTGAGAGAA  CATTAGGTTA
38601   AGGAGCCTGG  GGTTTTCCTG  TTGAGAGTAA  TCCTTTCAGC  AATACCAAGA
38651   ACTCTCACTT  GAGAGATAAC  AACAGGACCT  ATGACAGGCC  ATCTGTAAAC
38701   AATCGTTTGA  TGGCGATAGC  TGATTTAATC  AGAACGTTCT  GCTTCTCCCC
38751   CACGTGAACC  CGCACAGAGA  GCGCGCCAAT  CCAGCTGCAA  GAAAATATTT
38801   GTTTAACTTT  GCCACATTTA  TTTACTCGTT  GGGACTGTTT  AACTTGATTG
38851   GACGGAGCAG  TTGGAAAGAG  CGAAAATACC  CCAGGCCTTC  TATGTCTCTG
38901   ATAACCTGGC  GACATCTGCC  TCTCAGCCTG  TTTGTGTTGT  GTTTCTCAAG
38951   TCCTTTGCCC  TCATCCTCCT  AGTCAGAGAT  TTGGCCTCTT  TCTGCACCAG
39001   GCTTTGGGGA  CAGGAGGGTA  GAATCTGTCC  CTGCCTAGCC  TTGCAAATGA
39051   TTTTAAAATA  TGATGCTTAC  CCTACAAAGT  CTATTGAGAG  ATGTGTCTGT
39101   GCAAGGCATT  GTCTGTGAAG  TGCTATGTAT  CATAGGAAAA  CATGGGTTAA
39151   GTCATAGGAA  ATCCCCAGTG  TCATTAAGAC  CCACACTAGA  CGCACAAATA
39201   CTTACAGGGC  ACATAGAAAC  TCCAGGAGGT  CTGTAGCTAG  GCTCTCAGGA
39251   AGGTTTTGAA  GAGGTGTTAT  ATTGAGGACA  GGCTCCAGGG  TGGGGGTGGG
39301   GTTTAAAGTC  TGTGAGTGAG  CTTTGGCAAG  ATGGCTCCGT  AGGTAAAAGT
39351   GCTTCTGCTA  AGACTGATGA  CTGAGTTGGA  TCCCGGAATC  CATGTGGTGG
39401   AAGGAGAGCA  CTAACTTGTC  CTCTGGCCCC  CACATGGGCA  CCAGGGTACT
39451   TGAGTGTACA  GCCCATGTCC  CCTACAGAAA  GAAAGTCAAT  GTAATTTAAA
39501   AAAAAAAAAA  ACTATTTAAG  GTGAGAGCAG  AGGAAGAGCT  CAATGAAGAG
39551   GTGGCTGTAG  CTGCAGCTGG  TTTTTCTGAG  TTGGGGAGGA  TTAAAAATAT
39601   AGACAGCCCT  TCAGCTCACA  TCAGCTGATT  CAACCAACCG  AAGCTTAAAA
39651   GCACTCAGAA  CCAAACTGCC  CCTGCGCAGA  ACACATCACA  CACTTTTACA
39701   AATAATTGTT  TTTAAAGGTT  TTGTTTTTGT  TTTTACAAGT  ATGTGTTAGG
39751   ACCTAGGTAA  ACTATTAAGG  CCTAAATGAA  ATAATAAGGC  CTGGGTAAGT
39801   GTTAAGGCCT  AGGTGACTGA  TACCTGAATA  ACCTGCCATT  GTAAGGAAAC
39851   TTTCCCACAT  GTTTCTGCTG  TTACTAGGAA  ACTCTAATGC  CAAGATGGTC
39901   TTCACACTCT  GTTATGTACT  GTGCTCTTGA  AAACCAATCA  CGACAGAAGT
39951   CAGTAGAACT  GTTTTGTATA  GTTACCTACA  AATAAGCTTG  GACCCGACCA
40001   ACCACCCAGG  AGCCCTTCCT  GCACCTATGT  ATAAGCTGCC  CCTGGGAAGG
40051   ACCCCAACAT  AAGAGAGACA  CCTGTACCAG  AAGAAGAAAC  GTTTTGGAAT
40101   AAGACTTCCA  TTTTGAGTAG  TGGTCTAAGT  TCCCAAGTTT  AAGTTCCCAA
40151   GACCTCCCTG  GGAACTGACA  TCCTATTTGG  CAGAAAGAGA  TGTGTACATG
40201   GGTAACTGAC  ATCCTGGTTG  GCAAGTTCAG  ACATGAATGT  TAGACAAGTT
40251   CCATCCTGAC  AGACAAGTTA  GAACATGAAT  ATTAGACAAG  GCAAGTCCCC
40301   TGCCACAGTT  GAATATCCCA  GTCAGTGGGA  GCGGGATTAA  TGCACAACTA
40351   AGACATGTTC  CTAAGGAAAC  CCCTATCCCT  AAATGCTGAT  TGGTGGAATA
40401   ACTTGGCACA  GATGTTTGTG  GAATTTGGGC  TTAAAAAACC  CTGTAAGATC
40451   TGGACCATGG  CCCCGGTTGA  CCAGTCCTGG  GGTGTATGCT  CAATTAACTA
40501   TCCCTGTGTG  ACTGAGATCA  TAGTCACGTG  GTTTGTGAGG  CGGTTCCTGG
40551   ACCCTAACAT  ATGTATTAAT  CATATACAGC  AGTGGTGCCA  TTATGATCTT
40601   TGCATGCATA  AAGACGCAAT  GTCTTTTTTT  TTTTTTTTTT  TGGGGGGTTT
40651   TTGGTTTTTC  GAGACAGGGT  TTCTCTGTAT  AGCCCTGGCT  GTCCTGGAGC
40701   TCACTTTGTA  GACCAGGCTG  GCCTCGAACT  CAGAAATCCG  CCTGCCTCTG
40751   CCTCCCGAGG  ACGCAAGTCT  TTTAATCATG  GTCGTCCTCT  TGTCTTTCTC
40801   CCTTGCTTTC  AATGTCTTTT  TCTTTATTTT  TTATGACCCA  GTGAGTTCCT
40851   GTTAGGGTGT  TGTAGGAGTG  GGGGTGGGAG  TCATTTACAG  GGCTGTGTGC
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40951   ACTCTCACAA  CCTATGATAG  ACTTCGAACT  AAAACGGATG  CCAGCAGGTT
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41051   GTGTAACAGC  CAAGTTGTGT  CCAGAGGTCA  GTGGCTTCCC  ATTTCCTCAG
41101   GTTCTGACAT  TCTTCCCGTC  CCTTCTTCTG  TGATAGTCCC  TGAGTCTTGG
41151   AAGGGGTGGT  ATAGATGTCC  CACTCACGGT  TGTACAGTCA  ATGGTCGTTT
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41251   AAGAGAAGCA  TCCATGTAGC  TGGTGTCTGA  GTCTCATGAT  CTGAGTTCCA
41301   TCACCGTCTA  CCTGAGGAGG  AGGTGGATGG  AAAAAACTGA  CAACTCAAGC
41351   TTGCTTTTGT  GACATCCACA  CATCTACTGT  AGTTCCTAGA  TGGACAGACA
41401   GACATACACA  CATACACAGA  GACAGAGACA  CACAGACATA  CAGACACACA
41451   CACAGACACA  CACATACAAA  CATACACAAA  GAGAGACAGA  GACACAGAGA
41501   GTCAGAGAGA  CAGAGAAAGA  GAGAGAGAAA  TATGAAAAAG  TTCTGTTTCC
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21

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41551   TGGTCCCTAG  GGAAGAAAGG  GGCTGCAGGC  TACGTACGTT  CAATGACTGT
41601   TCTAGTTTGG  GAATCTTAAG  CAACTCCCCA  AGGCCATATG  TTGACTTGGT
41651   CCCAAGACTG  AAGCATTATC  AGGTTGTAGA  AACTTTTAGA  AGTTGGGCCT
41701   ACTGGGAGGA  AGTTAATTCA  TTAGTGAATG  TGCCTTCAAA  GGTGATATCA
41751   ACAACCCGAC  ACCTCTCCTT  TCTTTACTCT  CTGGTTGTCA  CCAGGTGAGG
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41901   AAGCTAACAC  AATGACCGGT  GATCAATCAT  GTCTTTTAAT  AAAACTGACA
41951   CTAGTACCTC  GGCGACAGGG  TTGGCAGAAC  CTCTGGAGTG  AAGTACATTC
42001   ACCCTTCAGA  AGACTCGCAT  ATCACAAACC  CATAGAGCAG  TGGGTGTTGT
42051   AGTAATATT   TCATCTCAAT  CAGGGGGTTT  CTACCCCACC  TTTGACCACT
42101   CGGTTCCCAG  ATAAAAGACA  CAAAACTTTT  ATACTTATAA  TAAGCCTTTT
42151   AAGTACTAAA  GATGGACAGA  TATCTACCCC  CTAAGCTATT  CAAATTTATT
42201   TCCCCATCAA  TAATTCCAAG  TTGTAAGTTT  CCATTTTTCA  TCTGGGCTGC
42251   TCTGAACTCC  AAATGGCCAG  CCCTCAGGGC  CAAGTTTTCA  TGATTCGCCC
42301   ACCCCATGGT  GTCTTTTCCT  TTCTCTAACT  TCTCTCTCTC  TCCCTCCTCC
42351   TGGTTCTTCT  CCAATCCCAA  GCCTGGGAAC  AGAAATTGCC  CATCTCTCTT
42401   CTGCCCAGCT  ATAGGCTGTA  GGCATCTTTA  TTCACCAATC  AGGGATAACT
42451   TGGGGGGGGG  GAGGGGAGGA  TACAATAGTA  TCACTAGGGT  TTATGTGAGA
42501   ATCTTCTCAT  CCAGGGCCAG  TATTTAGCAT  TACAACAGCC  CAAACCTCAA
42551   CAAGTGTTTC  TCAGCTTTCC  TAACACTACA  GTACTTTACT  ACAGTTCCTC
42601   ATGTAGTGGT  GACCCCGACC  ATAAAATTAT  TTTAATTGCT  ACTTTGTAAC
42651   TGTAATTCTA  CTATGGTGAT  GAATTGTAAT  GTAAACATCT  GTGTTTTCTG
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42751   TGACCCATAG  GTTGAGAATT  GCTGACACAG  GGGCTTCCTG  TAAGGGGACC
42801   CCCTTCTTTG  GATGCCCTCA  ACTGGCTGTG  CATTTGTATA  CTGTATAACG
42851   AACCGCACAG  TGTTAAGTCA  AAATTGCACG  TCACTGTGGG  CCAGGCTCCC
42901   GAGACCCACT  GAAGTTCACT  AAGTTCATTA  GCCAAAACGA  AATTGGTGTC
42951   TGACTTTCCA  AGAAATCAGG  AGAAAGATAA  CAGCTGGATT  TCCCCAGAGG
43001   CAGCTTCAGT  TGGCAGGATA  ACAGTGCCCT  TTCTGCCTTA  ATCCTTTGTC
43051   CAAACTAGGT  AACCTGGAGT  GACCCAACAT  TAAACATATA  TTTTTCTATT
43101   CTTGCATCTT  CCAGCTTGAT  GCCTTTACCA  GGAGAGCAGC  CCGACACAAC
43151   AAAGTCACCT  TCTGTCCTTT  ATTTTTTGCT  TACTTTAGAT  CCCTTAACCT
43201   ATAGAACAGT  GGTTCTCAAC  CTGGGGGTTG  CATCCCCTTT  GGGGGTCAAA
43251   TATTCCTTTT  ACAGGGGTCT  CCTAAGACCA  TCAGAAAACA  AAGCTATTTA
43301   CATTACAGTT  CATTACTGTA  TCAAAAGTAT  AGTTATGAAG  TAGCAATAAA
43351   AATAATTTTA  GGGTTGGGGA  CGGTCACCAC  AACATGAGGA  ACTATGTTAA
43401   AGGGTCACAG  CATTAGGAAG  GTTGAGAACC  ATTGCTATAG  CACCAAGCCC
43451   CTCTACTGAG  CCTACTAAAA  TACTTTGGAA  TGAAGTGTTG  CCTGCCTCTA
43501   GAATAAAAAA  AAATATTAAC  CTCCTGGGGG  TTTCACTCAG  TCAGTGATTG
43551   TCCGGAATGC  ACAGAACACT  GGATTTGATT  TTTAGCACTT  CATAAAACTG
43601   GCCATGTGCA  CCTGTGATCC  CAGTGTGGAG  AGAAAGAGGT  AGAAGGACTG
43651   GACAGTCAAG  GTATTCCTGT  CAAGGTTACA  GGTACAACCT  ACTTTTGTCG
43701   GTTTGCTGAA  TGGTGGTGTT  GTCAAGCTGC  CTTCTAAATA  TTTCTATTTA
43751   TACTCATAGA  TTTATATTTC  TCTCAACTTT  AGTCAGGAAG  ACTCCTTGTT
43801   CCCATTGGTC  AAGAGAGGCT  TGTGATTGGT  CAAAGTACTG  AGAATAATGT
43851   CTGTGTGTGC  TCATCCTCAG  AGGAGGGATC  CTTATCGATG  CCTCTCAAAA
43901   GGTTAAGAGA  GCATCGCAGA  GGAGAGGGTG  GAGAGAACGT  GAAGGCTGGA
43951   GGACTGAAAG  GTGTGCTGTC  TTCTGGACAA  GTCATGGCCA  TTGGCTGCTG
44001   AACTCATGAG  CTCACACAGT  GGTTACCTGC  GAGGCGAGAT  CCCAGCTCGG
44051   ACAGGAAGG   GACTGCAATG  CTATTGGCTG  CTGCTGACTG  CTGGAATAGA
44101   GTGAGTCAGT  TTGCTTTGGG  AATGTGGTGA  CTAGAATGCC  CGTGTTCAGT
44151   GGAGGGCCCC  ACCCCATGCA  CGTATGGGCA  ACAGTAGTTG  GACTCTGTGG
44201   GTGTCTTAGA  CTTGCTGTCC  TAGGACTCAC  TTTGTAGACC  AGGCTGGCCT
44251   CCAACTCACA  GAGATCCACC  TGCCTCTGCC  TCCCGAGGAC  GGGGATTAAA
44301   GGTATATGCC  ATCACCGCCT  GACTGAGAAA  GGAGTCCTAG  TTAAGGAATT
44351   GTTCAGGTCC  GATCAGCCTG  TTGTGGATAT  TGAAGGATTG  TCTTCCTTGT
44401   TAATTGATGT  TGAAGGTTCC  AGCCAACTGT  GGGCAGTACC  ATTCCCTGAG
44451   CGGGTGGTCA  TGGGTTGTGA  GGTTATGGGA  AAGCTAGCTA  AGTGTGAAGC
44501   TGGGAGGGGG  CTCTCAGGTT  GCATGCCTCC  ACGGTTTCTG  CTCTACTCCT
44551   TGACTGTGAA  TGAGGTGATG  ATGTGTTGAG  TAGCAAGTAG  GTCTGCCTTC
44601   AAGACCCTGC  CCTGACTTCT  GTCAGTGGTG  GACTGTGTGC  TGGAAGGGTA
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22

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44651  ACCCAACAAC  TCCTTTCATC  CTCTAAGTCA  CTTTTGGTCA  GTGTTTTATC
44701  AACGCAGCAG  CAAGGAAACA  AGGACAGCGC  ATCATAGAAG  GGAAAGGAGG
44751  TGGAGAGGGA  GGAGAAGGAG  GGAGGGGGCC  TTGTACATTA  CATTGTAAGG
44801  TACATGGAGA  AGCAGGCTCA  GCAGTGGGCC  TGTGCTCCTT  GGTCCATTTC
44851  TGCTAGATGC  TGTGGGTGTC  CAGACAGAAA  TTTTGCTGTC  TGTCTGTCTG
44901  TCTATCTATC  TATCTTCTAT  CTATCATCTA  TCATATCTAT  CATTATCTAT
44951  CTATCTACTA  TCTATCTATC  TATCATCTAT  CATATCTATC  ATTATGTATC
45001  TATCATTTAT  CATTTACCTA  TTACTTGCTA  TTCATTTGTT  TACATAAACT
45051  TAATAAATTC  TTTCATTCAA  AACCAGAAAT  ATAATCATCA  TAGGTCATTC
45101  TCTGGACTCT  TTGGAGACAT  TTTTGTTTTG  TTTTGTTTTT  TGTCTTTTGA
45151  GTTCTAAGTA  TGGTTGGAGG  AGGGAGAATA  GGGGATAGAT  ATAATCAAAA
45201  TGTATTGTGT  ACATGTATGA  AATTCTCAAG  GAATAAGTTT  TTTTTTTAAT
45251  TTTTTAATGA  AAGTGCCTCA  TTCAGTTGGG  TGTAGTGGCA  CATACTTTTA
45301  ATCCCAGCAC  TTGGGAGGAG  GAGGCAGGTG  GATCTCTGTG  AGTTCAAGGC
45351  CAGCCTGGTC  TATATAATGA  GTTCCTTGAT  AGTCAGAACT  ACATAGTGAG
45401  ACCATATTTT  TCGGGGGGGG  GGAAACCAAC  AACAACCAAT  CAACCAACTA
45451  ACCAAACCGA  GAGAGAGAGA  GAGAGAGGGA  GAGAGAGAGA  GAGAGAGAGA
45501  GAGAGAGAGA  GAGAGAGAGA  GAGAGAGAAT  GAATCCAGCG  AGACCTGTCC
45551  AGATTCTTCT  TGGCATCTCT  TTATGATCTT  CTTCCCTTTT  GTGTATGGAA
45601  AGAGATCTTT  CTAGAAGGAA  CTTATGATCT  ACCACCATAC  AGAGTAGTCC
45651  AGAGAATTCC  TTTATGGTCA  GGTCACAGAA  GGTGAAGGAC  TCTGAATGAT
45701  ATAGGGTTCA  TGGATACCTT  TGGGAGGAAG  TATTTACAGT  TTTTATAGAG
45751  AGAGGGAGAG  GGAGAGGGAG  AGGGAGAGGA  AGAGGAAGAG  GGAGGTGTGT
45801  GTGTGTGTGG  TGGGGGGAGA  ACAAAGCACA  TACTAAATGC  TGGGAAAGGG
45851  TCAGCATTAA  TAATGATGAA  TTTCTCATAG  CTACCTTTGT  TCAGGATATT
45901  GTGTCCATTA  CTTCTCCTAA  GCTCTCTACC  ACTCCAGTTG  GAGAAGAAAC
45951  TCGGAAGGGT  GCTGGAGGGA  GGGACAAGCA  GTTACACACA  AAAGGCGAAG
46001  CAGAAGGAGC  TACGGAAGGA  TGCCTACACG  GGCCTTAACA  CATCTAAAAG
46051  CCAGACCCCC  CAAATGGGGG  CTGGAACGAG  GATGTTAGTG  AATGAAGTGA
46101  ATACATAGAA  CCATTAATCC  CATACTTGCC  TGCAAGTTGA  GGCTCTAGAC
46151  TGTAAAAGGC  ATACAATTGT  CTCTATAGCA  GTGGTTCTCA  ATCTATGGGT
46201  TGAGACCCCT  TTGGAAGATC  AACTAAGACC  ACTGAAAAAC  ACAGATGTTT
46251  ACATTAAGAT  TCATAACAAT  AGCAAAATTA  CAGTTATGAA  GTAGCAATAA
46301  AAATAATTGT  ATAAGTAGGG  GTCACCACAA  CATGGGGAAC  TGTATTAAAG
46351  GGTTGCGGCA  CTAGGAAGGC  TGAGAACCTA  GGGAATAGGA  AGCTCCTTTC
46401  AGGAGTAACT  AGAAGAATGT  CACTTTCCCT  TCAACATCTA  GACCAGGGTG
46451  TAAGGCCCAG  GAGCACGGGA  CCACAGGACA  GCTGGCTACA  AAGGGCTGTC
46501  TGGTTTTGAT  GATGCTATCT  ACAAGGCAGG  GTTACATGGT  TTTCTGCTCC
46551  TTGGGGGCCA  TCTATCCTGT  CCAATATAGA  AAGTGGCCAC  TGCTCTCTAG
46601  CTCCATGTCA  GGAAGGCCAG  GCCTTGAGGG  AGAACAGGCC  TGAGTTTTGC
46651  ATGGATCCCC  ACTGTGGAAT  CCCCTTGGCA  TTTAAAGATA  CTAATAACAG
46701  CTGGGCAGGG  TTGGTGCACA  CCTTTAATCT  TAGTGCTCAG  GAGGCAGAGG
46751  CAGGCAGATC  TCTGAGTTCG  AGGCCAGCCT  GATCTACAGA  GTGAGTTCTA
46801  GGACAGCCAG  GGCTACACAG  AGAACCCTGT  CTCAAAAAAC  AACAACAAAA
46851  CAGACAAAAT  AAACAACAGA  AAGATGTTGA  TACCTGGGTC  ACACCCTAGG
46901  GACTCTGGCT  GAATTAATTC  AGGATAGTGT  AGACATTCCA  CTGTGGCATC
46951  CAAGGTTAGA  ACCAGTGTTG  TCTTGTTCAC  CTATGTTTTC  CGAGGACCCT
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47151  CATCCTTCTC  TCTGGGAGGA  TCTCCAGGTC  AGCCTGAGAG  GAACAAGACT
47201  TGTGAGAGGA  TTCTGGGATT  GTGTTCCAGT  GCTGTTCCCA  GGTGGAAATT
47251  AGCCTCTGTA  CGGGGCTGGT  ACCCTCTTGA  TCACGGCATT  TCAAACAGGA
47301  ACACTGAGTT  TTTTTTTTTT  TTTCCAGCAC  TGTATTCCCA  GTCTTAAGGC
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47401  TGCCAGGCCG  AGCTGCTATT  CCAGGTACAA  CCTCAGATCA  ATTCTGCAAA
47451  TATTATCGGA  AATCTATTCT  CTGACAAGCG  CCGTACTAGG  AACCCGGAGG
47501  TATGTGATAA  TTGTTTTGTT  TATCAACAGT  GTTCTTGGAA  TGTTAAGACT
47551  GAACAAGTTA  TCGCTTCTCC  AAAGTTCAGG  TGCTTGGCCT  ATAAAATGTG
47601  ATCTGTGTGG  ACAGACTTCA  GTGCCAGTGA  ATCAAAACCC  TTAGAACAGT
47651  GGCTCTTAGC  CTTAGACCAC  AACCCCTCTA  GACGTCAAAC  AACCCTTTCA
47701  TAGGGGTCCC  ATATCATAAA  TCCTGCACAT  CAGATGTTTA  CATTATGATT
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23

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47751  CATAACAGTA GCACAATTAC AGTTATGAAG TAGCAATGGA AATAATTTTA
47801  TGGTTGGGGG GTCAGCACAA CATGATGAAC TGTACTAGAG GGCTGCAGCA
47851  TTGGGAAGGT TGAGAACCAC TGGAGTAGAA GGATGCCTGG CCTGTATTAA
47901  GTACCTAATA AATATCAGCC AATGTTGTTT TTAAGATCGT TGTTGACTAC
47951  CATGTGAGCA TTTGTGTTCA CTTGTTGTTC ACTACTCCCC GGTGGAGGGA
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48051  AGACCAAGGG GGAGTGTTTG CCCCTAGTGT TGTGTGGTGT AACAACTAGA
48101  AGGTGCTGCC TTTGAAGTAG AGAAGCAGAA AGGTGAACAG GAGAGAGAGA
48151  GACACACAGA GCTGAGGTCA TGCAGGCTGT GAAACCGACT ATGGATTGGT
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48301  AAAAACAAAT ATATGTTAAC CAATAGCATC CATAAACAAA CTATATGGCA
48351  TCCCAACCAT TCAGTAACGC TACGGTAAGC CATAAACGAT TCTAACAATC
48401  AGAATGCTAA AATAGAAGCT GTATATGACA TATAGAAGAC TGTATACTAT
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48501  AGTATGTGTA TCACTAGGCC AAAGAATAAG AAACTGTCAG GTGTTTTGTT
48551  GTTAGACAGC TTACGTAGGG TGTGTGTGAT TGCTTCACTG GTGTTTGGCA
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48651  ACAAACTGTC CATTTCTTCT TGAGTAAGCT CTGGGAACTG TGCATTTTAC
48701  TATTTGTGGT GGTCTTTTGC AGGTTGTTGT CTTAGAATCA TCTTCCAGTT
48751  TCCCAGCTGC TACAGTGATC ATCTTTTTTT TTTTAAAGAT TTATTTATTA
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48851  CAGATCTCGT TACGGATGGT TATGAGCCAC CATGTGGTTG CTGGGATTTG
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48951  CTCACCAGCC CCGTGATCAT CTTTTTAAAT TAACCTTTTA TGCTATTTTG
49001  TAGTGTGTGT GTGTGCGTGT GTGTGTGTGT GTGTGTGTGT TGTGTGCATG
49051  CACACATTTT GTATATGTGT GCAAATGTTT ATATGCTTGG GTGTGCGTGC
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49151  ACATGCATGA GGAATGGAGG TTGAAGTCAA GTTTCCTGCT CAGTTGCTCT
49201  CCATCTTACT TTGTGAGACA TGGTCTCTCA CTATTATGGT TTGAATAAGA
49251  ATGGTCCCCA TAGACTCAGG TACTTGAATA CTTGGTTGTA GAGATGTTTA
49301  GTGGGGTAAA ACAGCCTTGT TGGAAGAAAT ATGTCATTGG GGACAGTTTT
49351  GAGGGTTCAT AGCTTCATCC GTACATTTTT GCTTTCTACT TTGTGTTTAC
49401  AGTTGAAGCT ATGATTTCTT AGCTTCCTGT TTTGGTCTTC TGATACCATT
49451  TCTCCTCCTC TGGGACTGTA GCCCCTACAT AAACTCTTCC TTCTTTAAGT
49501  TATGGTGTTT TGGTCACAGC AACAGAGAAG TAACCAATAC GCTCACTGCT
49551  CCTGAAGCTT AGCAGTTTGG CCTGCCTGCA TGGCCAACAC ATTCCAGGGA
49601  CCCTTCTTTC TCTGTGCTTC ACCGCTTGCC CCAGTGCAGG GGTCATACAC
49651  GTACGCTGTG GTGCTTTTCT CTGCGTGCTG GGATCCAAAC TCAGCTTCTC
49701  CTGCTTGCAT GGCAAGAACC GTCCAACTGA GCCACTTCCC CGATCCATAC
49751  AGCAGCATTA TTCTTGTCAA GTCTGCAGCT GGAAATCAAC AGAGCACAAT
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49851  TCTGGCATGG TCGAAGGCAT TGTAGGCTGT GGGCTTAAAG CATTACATTG
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49951  AAGCATGAGC TTTTAAATGG GAGTGGGAAA GAGAGAAAAG CTTGTTCAAA
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50151  TGTGCGCGCG CAGAGCCCCA ACGAAGCCAA AAAGAGAGTG TTGAATCCCC
50201  AAGAGCTGGA GCCCCAGGTA ATTGTGAGCC ATCTTATACA GGTCCTAGGA
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50451  GTATTCTCAA CATTCTGGAC GTTGGCAGAG GTTGATTTAG TTTGTTTGCT
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50551  CTCATTTCTT TTGCCTGCCT CGATTACCAT ACCATTGCAG CAACCAGACC
50601  TACAGTGTGA GAGCCTGTCT CAGAAAACAA ACAGAAAAAC AAACAAACAA
50651  ACATCTTTTG GAGAGGCTGA AGAGATGGCT CATGGGTTAA GAGCACTTGC
50701  TGCTCTTGCA GAAGACCTGG GTTCAGTTCT GAGCACCTAC CTGGTGGCTC
50751  ACATCCATCT GTTACTCCAG TTCCAGAGCA TCTGATCCCT CCGGGCACCA
50801  GGGACCCTTA GTATTCATAT ATATGCATGC AGACAAACAC TCATACATGT
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24

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 50851   AAAATAAATG  GCTTTAAAGC  CCTTTGAACT  TGCACTTATA  ATTATTGAAA
 50901   TGACCTCTAT  TAAAAAGTAA  CTTTCTCTCC  CAACTTCTCT  CCCATGTAAA
 50951   ATGCTACCTT  TGTACACACT  ACATCACTGT  TCTAAAACAA  ATCTGCTTGC
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 51101   GTATCTAGAT  GACAGTGTAG  TGGTGGAGAG  AGATGGCAAC  CATTATATAA
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 51201   TTATAACTTT  ACCATGCTAA  CTAAGATATC  AGAGAAGACT  GTATTCATAT
 51251   GCCATCATCC  GGCTTTCTCT  TGGAGAAGGC  ATACACTGCT  TTCCTTGTGG
 51301   TGTGTGTGGA  GCTAGCTGCA  GCTTGTGGGG  CCTGCTTTTT  TGGCTCTGCC
 51351   ACATGTTGAC  AGCTAAAGTT  AGTCTCACCC  ACGATTGGCT  GATCTGGTTC
 51401   GGTTGCTTCT  CAGAATCCCA  TGACTAAGCC  AGGAATAGCA  TTTTGCTGTT
 51451   TATTGATACG  CATTTCTTTT  GCCTGTCTCG  ATTACCACAC  CATCGCGGCA
 51501   GACTTTGGTC  TTTGTGAACC  TGTCTGGAAA  GTCAAATATA  TCTAGAGGCC
 51551   TAGGGCTAAT  GACACCATCA  ACTGGAGGTT  ATGGAACAGA  AGTTGGAGGT
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 51651   GTGTGTGTGT  GTGTGTACAA  ACTTACATGT  GTGCTAGTAC  ACATGAGTAG
 51701   AGGCCAACCT  CTGGTTTGAT  TCCTTGTACA  CTGTCAATCT  GGTTATTTTT
 51751   GAGACAGGGT  TGGTCTCTCA  TTGGCACAGA  ACTCATCAAG  TAGGTTTGTC
 51801   TGGGTTGCCA  GTGAACCCCA  AGAACTCCCC  TGTGAAGTGG  AAACTTAAGG
 51851   GTTCTTTGGA  GAGTCAGTTG  TGTTGGATGG  TGTTTTGCTG  GGACAAACAC
 51901   GTGAAGGAGT  CTTTGGGGGC  ACATGTGTGT  GTGTGTGTGT  GTGTGTGTGT
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 52001   ACATTTTACT  GAATGAACCA  TCCCTCCAGC  CTGAGAAGAA  AGCTTAATAG
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 52151   AAGATGGCGA  GCCGGTTTGG  TCCCTGGAAC  TCACATAAAT  AAATGTGGAA
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 52351   CCAAAGTGGT  CGGAACGATA  CTTCCCAAGT  GTCTACAAAG  CTTCTCTTTG
 52401   TGTTCTCCCA  CGAGGTCTCA  CCCCTTTTGG  AATTATCCTT  AGACTGAGGC
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 52651   TGAATCACAA  GAGTAAGCCA  AGAGGCACAT  CAAAGTGTAA  GATGAAGAGT
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25

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54151   TACTCTATGT  CTGCTGATCC  TGTTTTGTGG  GAGTGGGACC  TCACATCGGC
54201   AGATCATATA  CTTGGGCAAA  AGAGGGGATT  AATCTGGATA  TACCAGGGGC
54251   ATAAAATCTA  TAGAGTTTTA  ATCTCTTTCT  GCTTTTGAAT  GCCGGCACAC
54301   CAACCAATCA  ACCAACCTGA  GGAAGCCAAC  CCATAGGCAA  GTGGTTTGTG
54351   GTCTCTATAG  TTACAAGAAT  CTCTGAGAGA  CTTGATTTCA  ATAGCATTAA
54401   CAACATCCAT  CCATCAACAT  CCACTTTTGT  GGGAAAATCC  ACTATGTTCT
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54501   TTCCACAACC  CTGATCTAGG  GCACTGATTT  TAGTGGCATC  CTCCTCCCTT
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54601   AATGGAGTAT  GCTATTAAGA  AGCGCATGGT  AGAAAGTGTG  AGATGCCTTG
54651   GCATAGAAGA  TGACTCCTGT  CTGCATCTTC  TCAGGACTCT  ACACTCCTTC
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54751   GCAGTTACAG  AAACCCAAAT  CAAACCAGGC  CAAGGAAGGA  TAAATTTATC
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55151   AGAGGGCCAG  AGGATAATTA  AATACGTGAT  TTCTGTCTAC  ATGTACGCCA
55201   GACTCATATC  AGATTTAGTT  GCCAAGATC   ATCCATTGTT  CACCCAACTT
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55401   CACTCCTGTG  CCCTCGCAGG  GTAGAACCAT  AGTAGGGATT  TGCCATAGTC
55451   AGTATGTCAT  CCAACTGAAC  AGACATGTTC  TTAGGCATCC  AGTAATAGAA
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55551   CTATTCTTTA  GGTGTGAGGT  GTTTTGTCTG  GATGTATGTT  TCTGCATTGT
55601   GTTCATGCCT  ACTCCCCTCA  GAAGCCAGAA  GGTGGCACTT  GGTCCCCTGA
55651   AACTGGGGTT  ACAAATGGTT  GTAAGCCACC  ATGTGGGTGC  TGAGAATTGA
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55801   AGTTCTTGGG  CAGCCACCGA  TGGAAGTTTG  TGGTGAGAAT  GGTGTGTGTG
55851   TGTGTGTGTG  TGTGTGTGTG  TGTGTGTGTG  TGATCATTTC  ATTCCATGTA
55901   CGTGAAAGTA  AGACAAGCTT  CTCCATACTG  AGCACAACCA  AACTCTCTGA
55951   GAGTAGAAGG  GCAAGTGAAA  TACCAGCCAG  TCCTTAGAAA  GAATGCACTA
56001   AGTGCCAAAG  CTCTTTTCAT  GGATTATTTT  AATTGTCAGA  TATCTTGTGG
56051   GGCAACATAT  CTGTTCAGTG  GGCACCAGGC  ACAACATCCC  CGTAATATAG
56101   GTTCTATCAC  CGTCTCTCTA  ACTTGCCAAA  GGTAACATAT  ATAAAAAATT
56151   GACAGTTTAC  ACCTGGGAAG  TGCAATCATA  AAGCCTTGAT  GATTCATTCA
56201   TTCATTCATT  CATTCATTCA  TTCATTCATT  CTTACTTACA  CTCCTTAATC
56251   AGTGATGTCC  AGTGCCTCCT  ACATGTTAAG  GATGGTTCTT  GGTGTGCAAG
56301   CAGCAGCCAC  ATTTGTGAGC  AATGGAAGGA  AGAGTACACG  ATGCTCACAT
56351   TCTAGAAGAA  AAGAAATAGT  GTGAGTTCCA  CAGGTACACG  AAATTTTATT
56401   TAAGTTGGTG  TGGCAGCTTA  CACCTTTCAT  GCCTGTGTTT  GGGAAGCCGA
56451   GGCAGGAGGA  TTCCCTTGAG  TATGTGGCCA  GTTTGGGCTA  CTGAGTGAAA
56501   CCTTGATCCA  AAAGGCCCTT  TGTCCCCCCA  AATAAAACAT  CAAAACAGTG
56551   AATAGCGTTA  GTGCCTAGAA  GAGGGTTGTG  CGTGTGTGTG  TTTGTGTGTT
56601   GTGTGTGTGT  GTAAGATTCT  AAATTGGGTG  TCGAGTCTTG  CTAAGAAGGC
56651   AACATTAAAT  AAAGATCTAA  GGGGGACTGG  CGAGATGGCT  TAGCAGGTAA
56701   GAGCACTGAC  TGCTTTTCTG  AAGATCCTGA  GTTCAAATCC  CAGCAACCAC
56751   ATGGTGGCTC  ATGAGATCTG  ACACCCTCTT  TTGGTGCGTC  TGAAGTCAGC
56801   TACAGTGTAC  TTATGTAATA  ATAAGAAATA  AATCTTTGAG  CCGGAGCAAG
56851   CAGGGACTGA  GCGAGCAGAG  GTCCTAAAAT  TCAATTCCCA  ACAACCACAT
56901   GAAGGCTCAC  AACCATCTGA  ACAGCCATAG  TGTACTCACA  TACATAAATA
56951   AATAAATTTT  GGAAAAAAAA  AAAGATGTAA  GGAATGTACT  CAGGAGTAAA
57001   CCATAAAGAT  GTCTGAATGA  ACACAAGTCG  TGGAACAGAC  AATTGGACCA
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26

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57051   GAAGCAGCAG   CAGAAGAGCA   TTTTAGGAAA   GGCAAGGAGT   CCAGAATGCC
57101   TGAGACTGAG   GCTGACTGGG   GCAAGAGTGG   GCTATGAGTA   TAAATAGGCC
57151   TGGGACTCAA   GGGTGTAGGA   AACAAGATCC   GAAAGGTAAG   TGGGAATGGA
57201   TCCTGAAAGA   CCCTGCAAGT   GGCAGGGCTT   CGTCTTTTAT   TTGGCTGCAA
57251   TGTAGTCATT   TGGGTTGGGC   CAGAAGAAAA   CAACCCAGTT   TCCACACGTG
57301   AACTCTTGCT   TCTCTGTCGA   GGAGAGGCTG   CAAAGGGGCG   AGGAAGCCAT
57351   GGAAGAGACA   CAGCAGTGAC   CGGGGCAGAG   GTTAGGCTAG   TTTGTCCCGG
57401   TGTGCACTAG   ATGTGTGGCA   AGCACTTCAA   GTCTAAGATT   GTTGTGAAAC
57451   CTCGAGTGGA   AGGATTGGTC   GACGGGTGTG   TATGGGAGCA   ATTGGTCGTG
57501   TGATGCCCTG   AGCCTTTTAG   CCCTAGCGAC   TGAACTGGGA   TCCCTGGCAG
57551   GAGAGGCAGG   GCAGGTGCAG   AGGAACAGCA   TGCTTTTGTT   CTAAGTGGGA
57601   GGGGTTATCA   GGGCTCAGTT   CAGGGATGTT   TAATTAGAAA   TACCTATTAG
57651   GCGTCTCCAA   AGGTGATGCT   GAGAGCTCAG   GAGAGGGGTC   CTTCAATGCC
57701   GAAGTTCAAG   GTCAACAAGA   TACGCTCTAC   TTCAGGGCAA   CTGAAGACAT
57751   TGATTCACAC   ATGACTTTGG   CAAAATGATG   ATTATCAAAC   ACACAAACCA
57801   AAACCAAAAT   AAATAAATAA   ATAAACAAAT   AAATAAACCC   ACACACAAAA
57851   AAACTAGATT   AAGAATGTCA   GATTTAAAAA   TCCACCCCTA   TTCTGCTACC
57901   CTCAAATACT   TGATTTGCTT   TCTCTATATT   CCCTCCTGGT   TTTGCCCACT
57951   GGTACACATA   ATTGCACAAT   GCCGTTCTAC   CCTATTTGCT   TGCCAGGAAC
58001   TCATAGACAT   TTCCTAAGTG   GCTCCTACAG   TGCTCAAAGA   GGATTTGAAA
58051   GGCTGACAAA   ATGTAGGGCA   TGGAATAGGC   TAGAAAGAAA   AGTTGAAAAA
58101   TCCTAAATAG   CTTGGTGACC   TACGGTAAGC   TGTGTGCCTA   CCGTAATCTT
58151   TGTGGCCAGT   GACTCCTTGT   TTAGGAGACT   GAACTTTGAG   ATGAATGAGG
58201   GCAAGCCACC   TTGCACTCAG   TCAGGGAGAG   ATTCTAGAAA   AAGAGGGTCT
58251   GTGCAAAGGC   CCAGGAGGGA   GAAAAAAACA   AACAAACAAC   AACAAAAAAA
58301   AACACATGCT   ATGGTTTGAA   TGGAAAAATA   TCCCATGAAG   GCTTATGTAT
58351   TTGAGTCACT   TCTTAGCTGG   TAGCACTCAC   TTTTGAAGGC   TGTAAAGCCT
58401   TCAATCTGTG   GGTCCTACCC   CTTTGGCAAA   CCTTGATCTC   CAAAGTTACA
58451   TAAGCACAGG   CACACACTTC   CACTTCCTCT   GAGGTTTTCT   ACCAAGAAAG
58501   GATCAACCAT   TCATAAAATG   TTGGTCCTAG   TGAACCCTGC   ACATTGTAGA
58551   GGCTTAAAAA   GTTTAATTTG   GGCCTCCAAC   TCACTACACA   GGAACTCCAG
58601   CGGGATCCGC   CTGTCCGTTC   ATGCTAACCT   TTCACCGACA   TCTTGTTTTT
58651   AAGTTTACAG   AAAACGTTAG   GGACCTAAAG   AAGGTCATTA   CATTACAGTA
58701   CATTACAGTA   CAACAGAAGT   TACAAAGTAG   CAATGAGGGG   CTTGGGGATT
58751   TAGCTCAGTG   CTAGAGCGCT   TGCCTAGCAA   GTGCAAGACC   CTAGGTTCGG
58801   TCCTCAGCTC   TGAAAAATCA   AAACAAAACA   AAACAAAGTA   GCAATGATAA
58851   TAATTTTATG   GTTGAGGGGT   CACCATGATA   TGAGGAACTG   TATTAAACGG
58901   TCGCTGCATT   AGGGAGGATG   AGGACCACTG   TGGGGCTCAG   CTGAAGGAAG
58951   TGAGTTGCTG   GTGTAGGGCA   CCGGAGTGCT   AGATGTAAAC   CGGTTTCCTG
59001   TCTCCCTTCT   AAGGCTGACT   GCACCACTAA   TTCCTGCCTC   CCGTGGAGGG
59051   TGCTTTCCAG   GCTCCAAGCC   TTCCTGCCAT   GTTGGAATGT   GTCCTGTGAA
59101   CCATGAACCG   AGATCAATCT   TTCCTCCCTT   CCATCACCTC   TGCCAGGTGG
59151   TTTGGTCATA   GTACTCAGTA   GAGTAAGGAG   GCTGGAAGAT   TTACTACACC
59201   TGACAAAGAA   AAATTAATCT   GTATGATCTC   AAAAAAAAAA   AAAAAAAAAA
59251   CACCACCACC   AACAACAAAA   AAACCAACAA   AAAACCAAAA   CCCTTTAGGA
59301   GTGCAGAAGC   ACAGGCACAC   ACTTCCACTT   CCTCTGAGGT   TTTCTACCAA
59351   GAAAGGATCA   ACCATTCATA   AAACGTTGGT   CTTAGTTATC   CCTGCACATT
59401   GTAGAGGCTT   AAAAAGTTTA   ACTTGGGCCT   CCAACTCACT   ACACAGAACT
59451   CCAGAGGGAT   CCGCCTGTCC   GTTCATGCTA   ACCTTTCACC   GACATCTTGT
59501   TTTTAAGTTT   ACAGAAAACG   TTAGGGACCT   AAAGAAGGTA   AGCATCCTGC
59551   TAAGTTACTC   CCTGGCTTTA   CACAGGCTTT   CTAAAACTTG   AGTAAGAGGC
59601   ATCCTTCCCA   TCAAAGATTC   CAGGAAAACA   GCCTCCCCCC   TCCGCGGCCA
59651   CACATACGAA   TCTATCGCTG   ACAAAGCCCC   TGTAAGCTGG   CTTATGTCCT
59701   CCCCTCGCGT   TCACCATTCT   GTAAGTGCAT   AGAATTATTT   AAGAGGAAAA
59751   AAATTACTGT   GGATAAAAAT   TGGTTCGGGG   CCTTGGAATT   GGCCGGTCGT
59801   GTTGTGTTTC   CTTCCAGGGC   CGGCAGGCGG   GGCACCAGGC   AAGGCTTGGA
59851   AGCCGCGCCT   CTCTCAACCT   CTCCTGGCCA   CCCTTGCCCA   ACTTCCCCAT
59901   AGACACAGCT   TCAACTAAAA   GTGGCCATTG   ACCTTTCAAG   CTTTTGAGCA
59951   GTGGGGCAAC   AGAACAGTAT   TTCAAAGAAA   AATGGTTATC   GAAATTTCGA
60001   ATCCGGTTTT   CCCATGAGTG   TTTTTTTTTT   GTTTTTGTTT   TTCTGTTAAA
60051   AAAAAAAAAA   GTAGGTCACA   TTCAAAGTGG   GTCACGTTTC   AGGAGCCGGC
60101   GTGCCTGGAT   GCCGGCGCGG   AGGCTAGGTG   GCCTCTTACA   GAGTGGGAGG
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27

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60151   TGAGGGTCCC  AATAGGAAAG  AAGTACTGGG  ATCAATACGA  ACTCCGGGTC
60201   CCTGGCTTTG  CAAGGATTCA  CAGAGACAAA  CGCACCAGGC  CTGTGACCCC
60251   GCACCCCACC  CGGGCACAGG  TAAGGGCACC  TCCTCTGTAG  GGTGGCCAGG
60301   GTGGGTCTCC  CGAAGGGCAA  GCAGGAGTTG  AGCTGAGGAG  GAAAGGAGAA
60351   GCTGGGCAAG  GCTGATGCAG  GGGACTACCA  GTTGGAGCTC  CAGGGGGGAG
60401   GGATTGAGGG  CAGTCTGCGC  AGCTTTAAGG  AGGCGCTCAG  CTCGTCTCTT
60451   TCCTGGCCTT  CTAGGATGCT  GGCGGAGGGG  ACAGTCTCTG  GTTCGCTTCC
60501   CGAGGTGCCC  GGGAGTGGTA  GTCGACCTGG  GCAGTGGCGT  GCTAGCTCTA
60551   GCTCTGTGTG  TGTCTTAGAG  AGGGAGGGAC  GGACATCTGA  GCCCCGCCCC
60601   CTTCCCGCAC  GCTGGTCCTG  CATCCCACAT  GGAGGAGAGG  AGGGTCGCGT
60651   CTGGCAGGCG  CACAGCGGGG  TGGATGGCTG  GCCTAAAGGT  TCCCTCCTAC
60701   GTGGAGGGCT  GGGGAGAAGA  GGGGCTGCTA  TTCGCGGGAC  CGAGGTGCTC
60751   AGCTGTTGCA  GACACAGGGG  CAGGTACTGG  TGGCTTAATA  GGCATTGGCT
60801   GGGGACTTCT  CCTTGTTCCC  GAGCACCCCG  AGGTGCAGGG  TCAGAGGAGG
60851   GCGGAGTCGC  AGGCTTCCAC  CCCGCAGCCA  CCAGCACCAG  CACCCGCACC
60901   GGCTCTCTCC  ACCCGGCTCC  CTTGAAGCCT  GCGCATTAGC  GGCCGGGGCC
60951   TCTTTAAAGC  GCTGGCGGGG  GCTGCGGTCA  CGTGAGGCGG  ATTCCTGGAA
61001   AGTTCCTGGA  AAGCGGCCTC  CGCCGCGGCC  GGGCGGGGCG  CGAGGGGCGG
61051   GAGGCGGGGA  GCGAGGGAGG  CGCGTCGGGC  TGGGAAGTCG  CGCGCACACT
61101   CGGCTCCGGG  GACAGACGGT  TAACTCTTGC  CAAGTCTCGC  CGCCTCTGCG
61151   GCTCCCGGGC  CTTGGGCTTC  CCCCCTGAAG  CATGAGCCTT  TCCTCCCGCA
61201   GCCGCCAACG  CTGCGCGGGT  CTCGGACAGT  GCGCGCCGGG  ACTCCAGGCG
61251   CGCGCCCTCA  AGATCCCTTG  TGCCCGGAGC  CCGGAAGCTT  GCGGCAGGTA
61301   CCGCTCGCGA  AGCCCGAAGG  TTCCGCCCGG  GGGGACAGTG  GCCGGGGAGGG
61351   CGGCGGGGTG  CGAGCACGGG  GGCGGCGGCG  GACCGCCTGG  GCGTCCGCAG
61401   TTTAGGGCGC  CCCGGGAGAG  TTCAAGTCGG  GGCTCTGCCC  CATCCGGACT
61451   CAACTGCCTC  CTCTCTCCCG  GGTTCCTTCT  CGGTCTCGGG  AAATTTTCCG
61501   AGCACCCCCA  CCCCCCAACA  ACTGCTACCC  AAATTTATAA  TCCTAATAAC
61551   CTGATCTCCC  GCTCCTCCCC  GCCAGCCTCC  GCCCTTGCTC  CCCCACCCCA
61601   CCCCTTCTCT  TTCTCCCATC  TCCTCCGCTT  CAACTGGAGG  GAAACCCGGC
61651   ACTGGCGAGC  AGGGGTGTCA  GCCTGGGGCG  GAGAGGGGGG  GGGGAAGCTA
61701   GGCGACGATC  CCTGGGATTT  TTGTCTGCCT  TTGGCGCAGA  AAAACTCGGT
61751   TGCTTTTACT  GAGCGCAGAG  CCGATTGCAT  CCCCAGGCAT  CTCCTTCCAC
61801   AAATAAACGT  CACCCGGGGA  ACTCAGACGG  ACACCCCTCC  TTGCCCCCTG
61851   GCTCCCCCGC  CCCTTGTCCG  CTGGGGAGGC  TGCCTAGTGC  GGAGGCGGCA
61901   GTCGCGGCGG  TGGAGGTAAG  ACCTCAGTCC  CAGTTGATGG  CATGGCCCGC
61951   TGCGCTCGCT  GTTGCGGGCT  CAGCCCCGGC  CTCATTTGGA  GCTCCGGCGG
62001   GGGCTGCACG  CTCCGGCCGA  TTCCTCGACA  GCGCCCGCGG  CGGCAGCCGC
62051   AGGAGCCGCG  GTCCGCGTTT  TGGAGCGACC  GCCGCTGAGC  CCCCCATCCT
62101   CGTCTGGAGC  GTGCTCCAGG  AAGCGGCAGG  AGTGGGGGTG  AGGCCGCCTC
62151   CGAGGCAGGG  ATGCAGCGGC  TGGCGCGCCG  CTAGCGCACC  GCAGCACCCT
62201   CGGCTGGCGA  CCCAGGAGCC  CTGCGGCGCT  TTAGGGCGTG  GAACCAGGTT
62251   TTGCCGGATG  CATCCTCCCA  AGGGCCCTGG  GGCTGCTCGA  AATGTAAGAT
62301   GGAAATGCCA  AGTGCAGAGA  ACTGCCCGGT  TCTTTGTGTA  ATGTTTTCCC
62351   CCCCACCCCC  ACCCCCCACT  TGCCCATGAC  AAAGGCCTAT  CCATCCGGAC
62401   CCGCAGGTGA  CTGTTTCCTG  GGCTGCCTGT  GTGTAATTCC  AGCACACAGT
62451   TCTTCGGCGG  GAAAACACCT  TGTTTACTCT  CATCCTGTCT  CCCTCCTCAC
62501   CCCTCTACTC  CGGCCAACTT  TAGTGTCTTG  GATCTCTGCC  CTTTTTACCC
62551   GTCTTTCCCC  AGAGTTGGGC  AGGGCGTTAG  CTGGATGCTC  GGGGTTAAAT
62601   GGTACAGAAC  ACGCAGGCGG  AGGAGTCCCT  GGGATTTTCC  ACGTGTCTGT
62651   TTACCCACCC  CCACCTCGGC  CGTAGGGGTT  CAGCCCAGAC  TGACCCAATC
62701   TCTGTTCCAT  TGTTTCTTCA  CAGGCGATCT  GTGGGTGACA  GTGTCTGCGA
62751   GAGACTTTGC  CACACCATTC  TGCCGGAATT  TGGAGAAAAA  GAACCAGCCG
62801   CTTCCAGTCC  CCTCCCCCTC  CGCCACCATT  TCGGACACCC  TGCACACTCT
62851   CGTTTTGGGG  TACCCTGTGA  CTTCCAGGCA  GCACGCGAGG  TCCACTGGCC
62901   CCAGCTCGGG  CGACCAGCTG  TCTGGGACGT  GTTGACTCAT  CTCCCATGAC
62951   CCTGCGGTGC  CTGGAGCCCT  CCGGGAATGG  AGCGGACAGG  ACGCGGAGCC
63001   AGTGGGGGAC  CGCGGGGTTG  CCGGAGGAAC  AGTCCCCCGA  GGCGGCGCGT
63051   CTGGCGAAAG  CCCTGCGCGA  GCTCAGTCAA  ACAGGTAGGG  AGCTGGCGGC
63101   TGGCGAGGAG  TGCGAAACGG  GGCGTCCCCA  TCCCCACCCT  ACCCAAGGCG
63151   GTGGCGGAGA  GCGCGGCTGG  GACGCGGGCC  CAGGTTGGGG  GCACTGAAAG
63201   CGATGGAACT  ACTACTCCTC  GCGTCCGGTC  TCCGCTCGGG  GAACCGCAGA
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28

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63251  GAGGGATGCC  CGGATCTTAG  GTGACCACAA  AAGCAAAGTG  GAGGGACGCT
63301  GAGGCTTGGG  CAAGGGCCGG  GAGCGAGCTG  GGCTCATTTT  GGAAATGTTC
63351  CCCCAGCACC  TTGGAGCCTA  GGCTGCTTTC  AGCCGGAGCT  CCCGCTCGCT
63401  CCGGCGTGGG  AGAAAGCGG   CCAGCGCCTC  TCTTAACTGG  CCCGGTGCGC
63451  GGGCGGCCAG  TGGGCTGTGC  TGCCTCCTGT  CTGGGCTGTG  AGCGCTCCCG
63501  AGAGCACAGC  CGCCTCTGCC  GCAGCCCGGG  TTGATGGCAG  CCAAGTTCAG
63551  ACTGTATGAA  TCGCAGCTGC  TGGGGGTGGG  GGGTAGCCTG  GGCCGAGTGC
63601  AGCCTGCTCC  CCGCAATGCG  GAAAGCACCC  TACATCTGAA  AGCAAAGAAG
63651  AGAAATTTAT  ATTTTCTCCC  AATAGCTCGA  AAACAATTTG  AGTCTTAAAA
63701  AATCTGGCTT  CTGAAAACTT  ACCTTTGAGG  CAAGACAACT  TTTGTAGCAG
63751  TAGATCTTGG  GAGAGGAGAA  AAAGTTCCAG  TCTTTCCTTT  CGGCCCTGGG
63801  CTTTCCTTGG  GAAAGTTTCC  CGGTAATATT  TTTTTGTTGC  GGGGGGGGGG
63851  GGTGGCGAGA  GGGGAGCTGT  CGGCTGAAAC  GGAGGGGGGC  ACATTGTTCA
63901  AAGTTATTAA  ACGAAGTATC  TTGAGTTACT  TTTGTAAGTG  AGGTTTAGAA
63951  TCTGGTCAAG  ATGAATCAAA  TGGAGATTTC  AGAGAGCAGG  GGTTATTTTG
64001  ATCCAGGGCA  AAGTCCAAAA  GAGTATAGTG  AAGACTGTAA  ACTGTTTCTG
64051  CTCTTCCTGG  GAAACTGAGC  TAGTTGTAAT  CAAAGCAGTC  AACAGGAGTG
64101  CCTCCTAGGG  CTTCTAACGG  AGGCTAAATG  TTACAAGTTC  TTTGGGGGTA
64151  GGTTAGAGGG  CTACCAGCCA  GTCAAAAAAA  AGTTGCTTCT  GTTTTTAATG
64201  GAATTATCGG  AGATAAGCTT  TCCACTTTGT  CCCCTAACTT  CTAATTTAGT
64251  TCTGATTTAC  TTAGGTTTTT  GTTCAGTTA   AACTGTACTG  AAAGGTTTTT
64301  TTTTTTTTTT  TTTTCTTTGT  CAGCCAATAT  GTCTGTCATA  TTGCAAAGT
64351  TCTTTTAGCT  CATTAGGAGA  AAACCTTAAC  ATAATTTAAA  GAAAAGCTAC
64401  AGAAAATCAT  TTGAAAAGAA  AAAAATTGCT  TTACAGTTGT  GCCTAGAATG
64451  GACTTAAGTT  TTTATTAAAT  ACTTACCCAG  AGATTTGTGG  TAGGCCTTGG
64501  TAAACTTTAA  CTCACAGGCT  TTAAAAAAAA  AAAAAAAAGG  TGTAACAAGA
64551  GAAATTAGTT  GAGCACTGTG  GTACAGGTTT  ATAAATCCCA  AGACTTGGGA
64601  GGTGAGTGAA  GAAGAACAAG  AAGGTTCAAG  GTTATCCTTG  GCTACAAAGT
64651  AAAATTGAGG  CCAGCCTGGG  CTACAGGCTG  CCCTGTCTCA  AACAAAGCAA
64701  ACCGACTAGA  AAAACGACTG  CCAAGTACAG  ACCATACTCT  AAAAATTCTT
64751  AATAATAACT  ATTTCACTTT  CTCTTCTTTT  TCTTTTTTGA  ATGAAAAACC
64801  CCAGGATGGT  ACTGGGGAAG  TATGACTGTT  AATGAAGCCA  AAGAGAAATT
64851  AAAAGAGGCT  CCAGAAGGAA  CTTTCTTGAT  TAGAGATAGT  TCGCATTCAG
64901  ACTACCTACT  AACTATATCC  GTTAAGACGT  CAGCTGGACC  GACTAACCTG
64951  CGGATTGAGT  ACCAAGATGG  GAAATTCAGA  TTGGATTCTA  TCATATGTGT
65001  CAAGTCCAAG  CTTAAACAGT  TTGACAGTGT  GGTTCATCTG  ATTGACTACT
65051  ATGTCCAGAT  GTGCAAGGAT  AAACGGACAG  GCCCAGAAGC  CCCACGGAAT
65101  GGGACTGTTC  ACCTGTACCT  GACCAAACCT  CTGTATACAT  CAGCACCCAC
65151  TCTGCAGCAT  TTCTGTCGAC  TCGCCATTAA  CAAATGTACC  GGTACGATCT
65201  GGGGACTGCC  TTTACCAACA  AGACTAAAAG  ATTACTTGGA  AGAATATAAA
65251  TTCCAGGTAT  AAGTATTTCT  CTCTCTTTTT  CGTTTTTTTT  TAAAAAAAAA
65301  AAAAACACAT  GCCTCATATA  GACTATCTCC  GAATGCAGCT  ATGTGAAAGA
65351  GAACCCAGAG  GCCCTCCTCT  GGATAACTGC  GCAGAATTCT  CTCTTAAGGA
65401  CAGTTGGGCT  CAGTCTAACT  TAAAGGTGTG  AAGATGTAGC  TAGGTATTTT
65451  AAAGTTCCCC  TTAGGTAGTT  TTAGCTGAAT  GATGCTTTCT  TTCCTATGGC
65501  TGCTCAAGAT  CAAATGGCCC  TTTTAAATGA  AACAAAACAA  AACAAAACAA
65551  AACAAAACAA  AAACAAAATG  TCCCAAGGAA  AGGCAAGAGA  ATATTCCTGT
65601  CAGAATGACT  TGCCTTTGTT  TTTTGGGTTC  CTATGCACTG  GGTCAAAAGT
65651  CCAAGCTCCA  TAGGAGAGAA  AGAAAGGCTT  CCATTTCCAG  GAGGACAGCT
65701  GAAGGAGGGA  AAGACCCTGG  CTGACCCAGG  CTTCAGCTCC  ACTTCTAGAC
65751  GCCTGGGGTT  CAGTCTGTGT  TAGAACCTGT  TATAGTTTGC  ATCCTGATGT
65801  ATCTAGTAGG  AGTTCCGTTA  AGCTGACCAT  GCTTGTATTT  ATCCCTCGTC
65851  TTATGCAACT  AATCAAATCA  ACCAAAAAAA  GGAAAAAAAA  AAAAAAAAAA
65901  GAAACGAAAA  AAGAACCATC  ACCATGAGAT  CCTGTATTTG  TCTTTTTTTA
65951  CTACACGTAT  GACCTCCCCC  GTGAGTGAGT  ACTGTAGTCC  TCCATCTCAA
66001  GGCAGCCTTA  CTTCAGACAC  ATTTCAAACT  GGTGCAAACA  GAAAAGACTT
66051  CTCTCTTTTC  TTCTGAGGCT  AAAGACAAGA  ATGTCACGCT  ATACAGGTGC
66101  AACTCAATCC  TTGAAAACAG  AAACCAATGC  AGACAGAGAC  ATTTTACCCC
66151  TTGATGTAGC  TGTGAGTCCC  AACCTAGTGC  CATTGTTTTT  ATTTTTATTT
66201  TTATTTTTGG  AAATGGCTTT  AGAACTTTCC  AAGTTATCCT  TGAATTGTCT
66251  GACCACGGAC  ATCAACAGCT  GCCTCCCTTC  TACCATGTAG  AATCCTATGA
66301  CTTAACTTTT  CTTCCAGATA  TAGAGGGGTA  CCTGCCTGTT  TTTCAAAGTG
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29

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66351   TTTATTTACT  GCTGTTACTA  TTTGATTAGA  ATGTATCAAA  TAAAAACAAA
66401   CCTGACTTTT  ACAAGTTGCA  CTCATTACTT  TGAGTTGTAG  GTGTACATTT
66451   CCATGCTAAT  AAAAGGTCGC  CATAAAAACT  CATTATCAAG  TGAAATAAAC
66501   TAAGCAATCA  GCTCAGGGTA  GAACATTAAC  TCGCTTGCCT  CCAAATAAGG
66551   CCCACACCTG  CTCTATGTGT  TTTAGAAAGC  ATGGTTCACA  GGCTAGGAAT
66601   CGTCAAGACA  GCCTGATCAT  GTGCAGGCCG  GATGGGCACA  ATCCTTGTGC
66651   ATTTCAAAAG  CAATGGTTTA  GAACGATAA  AAGTTACGTC  AGGGTCTAAA
66701   CTCTAACAAG  TTCCGCAGCC  GCTTTCTCTT  GGCCACCCAG  TCTCACGACT
66751   GCTGTAGCAT  GCCATCTTCT  CTAGAGTCTA  GACACTATGC  CTCTTGCCGC
66801   CCTGTACATG  TTTCCTGGCC  GGGCCGTAGG  TTCCTGTGTG  TCCAGGGTGA
66851   AAGGAGAACC  TGGGGCGTCA  TGTGCACGCT  CTAAGTGAAT  AGGAAATTAT
66901   AAAAGTGCAG  AATAATAGAA  CTGACTTACC  TTGCAGGGTT  TGAAGTCCCC
66951   AGTTTTACAC  CAGGAAGGAA  ACATTAAGTT  TATCCAACCT  GGATGGATTG
67001   CTGGGTGTGG  CTTGGGAAGA  GCCTGCTTCG  CTCTGCTGGG  TGGTGGGGCA
67051   ATACTAGGCT  TCCCGCTAGG  ATACTTAGAT  CTCCCTTTTG  CACACTGATG
67101   ATGATGGTTC  TCTGGTAGAA  CGCTTGGGCT  AGCAAGGGGC  TTTGTGGAAT
67151   CCTTTTCAGG  TCTCCCTGCT  GTTCCTCAGG  TATTGGGAGT  GAGGAGGCAG
67201   TCAGAAGACC  CTGTGCCTGT  GGAGTTATGA  CAAGCTCCCG  AGTGTTGCGT
67251   TCAGCGCCTG  CAGGTGTGTG  TGTATTGGGA  GCCCAGATTC  ACTGCTTGGG
67301   GCTGTGATAT  GGATCACCTT  ATCTAACTCT  AGTCCTGATG  GCAAGGAAGT
67351   TGATAGGCAT  CAGGGGACAG  TTTTGTTTTG  TTTTTGTTTT  CTTGCTTTAT
67401   AGTTTTTAAT  ATATTTACTG  AGTTCCTTGT  GTGCCAGCCT  CTGACTCAAT
67451   ACTTCATAAT  ATCTCATTTG  ATCCTCGGAA  GGACCAAAAG  AGCAAAGTCC
67501   AGGATTTATG  GGAAGTGAAT  AGTTCCACAC  TGATCCAGTT  AACAAGTTAG
67551   AGCAGGCTGT  AATAGCAGTC  TTTTTGCTGC  GGCCTCAACC  AGACTAGTGC
67601   AGATACTGTA  ATTAGTGTTG  CGTCCTCTCT  CGCTTTAAAA  ACATTTTCAA
67651   GAAGTGGTTT  CTTGGTGCAT  GTGTGTATGT  GTATGCATGT  GCCATGTCAT
67701   ATATGTGGGA  GGTGTGGCAC  AGCTTCTCCG  TTCTTGCCTC  TCGCTGCGTG
67751   GGCTCCAGGG  ATTGGACCTC  AGTCTTTACC  GACAAGCACC  CTTACCCATT
67801   GAGACATCTT  GTCAGCCCTC  CAGTCAGTCT  GGCCAATGGC  TTTTTTTTTT
67851   TTGAAGATCC  CTGAAATAAG  TGGTAAAGTG  GGGGTGGGGA  GGGAGTTTGT
67901   CCCCTTCCTG  GGTGACTACT  AAATGATGCC  AGGTATCACT  GACTGTCCCA
67951   TCTAACAACA  GAAACAAAC  TGGATTCACC  CAAGGTGTCC  TCAACAGAGG
68001   CTGGAAAATT  TCTCTTTCAC  TGTTGTTTTT  CTATGGGGGG  TGGTGTGAAG
68051   CATTAGTAAG  GACATTTATT  ATTGAGATTC  TAATTGTTGC  TGTTCTTGTG
68101   GCCTGTCCTG  TGCTCTGTCG  CAGGATTTGT  GTATCCACCC  CCGACTTCAG
68151   TGACTGCTAT  GAGTTTCTGT  TCAGAGGACG  CAGAGGTGAA  GGAGCGTATG
68201   TCATCCCATC  TAAAGTTACC  AACACAGATA  ACAGATGTAA  TGACATCTGC
68251   TTTCTTTTTA  GAAACAGGGA  CCCCCAGTTT  GTGTGCGCTT  GGAGGTCTTG
68301   CTTAGTGTTA  TTAGTATGAA  GGTTTTGACT  TCATCGTAAT  TACATCATTC
68351   AAATAGGTGA  CAGAAAGGGA  CTGTTGGTTG  TTCCACACGG  TTTATTTTCT
68401   TGGGAAGCCT  TTCTTTCCCC  TGCTTTTAGA  AAATTGTACC  CTGCTTGGCG
68451   GAGGGTAGGA  GACAGACACG  TCATCAAGTA  ATCCAAGGGA  TGGAATGTCC
68501   CGAGAGCAGA  CTATGCCCTT  CTGGTTGTGG  GTTTGGGCAC  AGGGCAGGAG
68551   GGGGCTGTGG  CTCTAACAGC  TGGGCCGAAG  CCTCACTGGC  TCCCAGAAGT
68601   CCTGTCCATC  TTCTAGACCT  CTACCCAGAA  TGTGGCTCTG  GGCCTGTCAT
68651   TCCCTCAGAG  GCTCTGCGTT  CTCCTCATCC  AGTTGTTAAC  TCCCTAGAAT
68701   CCTGGAGTCC  GGAACACACT  GTTTGGGTCA  CTCAGCCCAG  GTCCTTTATA
68751   GGAACCAGAA  CATTTCAGAT  TCAGGGACTA  GAAATCTAGT  CAGCAAATGG
68801   GCAACATACA  AACCCAGAGC  TTAGGTCCGG  TGGAAGCTCC  ACCCTTCTGC
68851   CCTCCCTTCA  AACCGCCTGT  GCCCTTCTTT  GCTGCAGTTA  CTGTAACTTA
68901   AAACTTGCTT  CCTCTGACAT  GCAAAATCAG  GTTTTGGGAT  GTCACCACAG
68951   CAGGATACTT  TCAATTCTTA  GCTCCTGCCC  CACTCTCCAG  GATTACCCCT
69001   TTTGTCGTGA  TCCACTGTAT  AATGAGATAT  GTATTAATTT  GAATTCTTTA
69051   GTTCTTTTTT  TAATCATTTT  GGAGATTGAA  CGTAGGTCTT  TCCCCACGCT
69101   TGGCAAGCAT  CCTACCGTTG  AGCCACATCT  CCAGTCCATG  TCAATGTCTC
69151   TCTAATCTGT  TTGCTGTTTG  AAAGCCGAAG  TCCTCCGGTC  CTTGCTGTGT
69201   GGTGATCTCA  TGACACGTCT  GCCAGATGTC  ACCCACACAT  GGCCAGGGTG
69251   CCCAGCTGAC  TCTACTCTCC  TGTGTTTGCT  TACCAGTAGA  GTCTGTTTTG
69301   GCTTTTGCCT  CCTCTTACAT  GCAGGTAGCT  CCTGCCTTAC  TCTCTCCTGC
69351   TCTTCCCACG  ATGCTGTCTT  TTTAGATGGT  CGATTAGAGA  AGTCCTGGGT
69401   GGCTGTATGA  TGGGCCAGCG  AAGGATGGGA  ATTCAAGTCT  ACTTGAATTA
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30

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69451    GGTAAACTGA  CAGATTTAGG  GTCCTTAGGA  TTAAGTCTGT  GTCTGTTTCT
69501    CTTTAGTTCT  CTTCAGGATT  TAAAAACCAA  AGCCAGTTCC  TAACACCACA
69551    TTTCAACACT  TTAAAAAAAA  AAAAAAAAAA  AAAACTTGTT  TATTTAAACA
69601    ACCGTAGGCT  CCTTACTTGC  TAGTTTATGC  TCTATTGGGA  AGGAAGAAAG
69651    ACAGCCCTTC  TTTAGCTTGT  TTGTTGCTGA  GGGCAATCCT  TGCACCTTCG
69701    GTTTGGTCTT  CTCATTCTCT  TCTGCTGCCC  TGGAAGATTT  TCTCCAGTTT
69751    TCCCTCTATG  TGGTTTCAGA  GTAAGTCACC  TTACCTCGCA  CTCAGCTTAA
69801    GGGACAGCTG  TTGTTGGAGT  CAGCCTCTAA  AAGCCCCGTT  TGTCCCAAAT
69851    GCCTGACTAG  CGGGTCAGCT  GAAGCAGTCA  TTGTGGTCTT  CCTACCCACC
69901    CTGTCCTCAG  CTCTGTCCAC  AAGGGAGGTC  TGAGCTGCCA  AGTCTGACGG
69951    GGGACTCACT  TCCATAAACA  TTTACTGAGC  CATAAAAATA  AAACTGCTTT
70001    TATAGACAAC  TCTCACTTTG  AACTCCATTC  TTCACTTGGA  GAAGAAGGCG
70051    CTGCCCCTCG  AGCAGGAGCA  GTTTGTGACG  GGTTATACAG  CCCGTCTGTG
70101    GCCTCATCTC  AGTGAGGAAC  AGAGGGAAGG  GAGACTCAAG  CCAGAGAGAG
70151    CCTTGGTGCG  AGCTAAGAAA  ATAACACCAG  CTGCCTTCCT  CTTCTGTTTC
70201    AGCCTAAGTT  CCTTCCAGAG  AGCCCCTTCG  CTGCGGCGAA  ATAAGACACA
70251    TTTGCTAGTT  AAATCATCAC  AGGACTTCAT  ATATTTTTCC  TAGACTGTCC
70301    CAGTTTCCAG  TCATGTTAAG  ATAAAAAGAT  AGCCTTTTTG  CCAAATGGTT
70351    TTTCCCTTCT  GTTCTTTGGG  CAGCCCTTTT  CCTGTTCAGA  TTTTGATCTT
70401    GTGTTGCTAT  GATCTTTCTT  AGTCTTTCAG  GAAAACCCTC  CCCATGTTGT
70451    TTTCTGCCCA  GGGAAGTTGT  TTTCCCACTT  TGACTTTCGT  CACCCAGATG
70501    AACTGATGAA  CTGCGTTCCC  TTAGGTAGTA  GACGGAATCG  TGGGTTTGGT
70551    CAGAAAGTAA  GTGTGTTCTT  GTTTTGTGTA  TTTTATTTAC  CTACCTGTTC
70601    TCCATTATGT  GGTGATAAAG  GGCGGAGAGA  GTGCCTGCTG  TCAGACAAAC
70651    CCTCTGCTTC  CTCTCCGTTC  ATTCTCACTG  GAACCACTGT  CAGAAAAATG
70701    GCTTCATGTC  ATTATTATTT  AAGTATATTG  AAGGCAGTAA  TAGGGTTGGG
70751    CAAAGAAAAA  GGGGTGAAGC  CTCACTGGTG  TGATGAGGGG  CTCTTCCGAG
70801    TCTCTCATTA  GGTACCCAGG  GCTCTCAAGA  CTATGACCAG  TTTATTTCTA
70851    TCACCCTGTG  TACCAATCCT  TGCTCTTGAG  CTGGGGTAGG  ATTGAACAGC
70901    TTTAGCGGAA  AAAAAAATTC  TTCTTCTAAG  ACAGGGCCTT  AGGTATCCTA
70951    GACTCGAATT  GGAACTCGAT  GTAGAGCTAA  GGGTTATCCT  GAACTCCTGA
71001    CCCTCCTGCC  TCCGTCTTTC  AGCTGCTGGG  ATTACAGGTA  TGTGCCTGCC
71051    TGTATCAAGC  CTGTTAATGC  AGTGAAGCCA  GGGCTTCCTG  GGCTCCAGGC
71101    AAGTTCTTGA  CCAAGTGAGC  TACTTTCCCG  GAAACTGGCA  ATCATTGTCT
71151    TCAAATTGT  GTTCCTCTTT  TATATTGGGG  AGTGTTACCT  TTTCCTGGTG
71201    GACCGGGCGC  TTTCTGATTC  AGCATCTTTT  TCTCATCCGT  TACAGTGTTA
71251    TCTGTAGAGT  TTAGAGTTGC  AGAGAATGGA  TATCCTTCAA  GTCTTTATTT
71301    TTTTTTAATG  ATATATTTTA  TGTATGTGTG  CATGTAATGT  GTATGTACAC
71351    ACACACACAC  ACACACACAC  ACACACACAC  ACACACACAT  TCATGTAGAT
71401    ACCCAGAAAA  GACCAGAAGA  AGATGTCAGA  TTATGGTTCT  GAGCTGCTAT
71451    GTGGGAGTTG  GGAATTGAAT  TCCGGTCCTC  TGGAAGAGCA  GTAAATGCTC
71501    CTGGTGTCAG  AGCCATCTCT  CCTGTCCCCA  TCCACAAAGT  CTTGGGACCA
71551    AGGCCTAATA  AATCAAGGTG  TTAACCTTCT  ATTTATATTC  ATTTGGTACC
71601    TGTTATATTA  TTCATTAGGA  ACTCAGGGAA  GAGTCACACT  CTCACATTAT
71651    AGAGGCCCTC  TTACCTTATG  GGAAGAGATA  GAGAAGACAG  GATTCATATT
71701    TATTCAATAG  TCTGGTCTGT  CTCATGCCCC  ATTGGTTAAT  CTCCACAACA
71751    GCCAGGAGCA  TTACAGACTC  CTTTTATTGA  AAATAAAACA  GATGCTTGAA
71801    GATGGAAACT  GTAGCGCCCA  GCAATACTGC  CCTACGACTA  GGAGTCTGTA
71851    CCTGTATGGA  GACTATGGAA  CACAACGCAG  GGTTATAGCT  ATGAGTGACA
71901    CCATGCTCTC  CTCTCCTCTT  AGTCTGATAA  AGCATTCCTT  ACATGAGAGA
71951    ACTGGCTTAG  GCTTGTGCTG  TGTACTGTCC  TTCTGGACTC  CCTGGGTGGT
72001    AGGACTTAGA  GGTGAAGAGT  GAGAGATGTG  TGGCGGGCAG  GCAGGAAGCA
72051    GGTGCCTGGG  AGAGGAGTGG  AGAGGCAGAC  AAGATGTTCA  AGTTTGTCAC
72101    CGGGCTCAGA  TTTGTCCCAG  ATTTGTTCCA  GATTAATTTG  GAGCTCTGGG
72151    TCTGGAAGCT  TTCTGTTTGA  TACCAGCTTC  CACTCTGGGC  GAGCTGAGCC
72201    AACTCTGCCT  TTTCAGGAAA  GCAGGGAGCA  GTGGCACAGT  GGGTGCCATT
72251    CTGAACTGGG  AATGGGAAGA  GACTATTTCT  AGTTGCTTTG  TCTTGGACCA
72301    AACGCCGAGC  TTCTTAGAGG  CTCAGATACT  ACATGTGTAG  AATGTAGAGC
72351    TTGCAGTACT  GATGTCTACA  GTCAGTCTCT  TTCAGGAAGT  TACCCTCACC
72401    TATGAGCACA  TCAGGATGGG  AGGAGACAGA  GGGGCAAACT  CTATATTTTG
72451    TTGGGTGGTC  TCAGATTGAC  TTAAGTTTTA  GCATAGATTT  TTGCCTCTAT
72501    GCTATCATAG  GCTCTGGCTT  ATTTGGGGAA  AGAGATTCTC  TCTACCCTAA
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31

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72551  ATTGTTTTTT  CCCTTTTCAC  AGTCAGAGTC  AGTAGACTGT  TTTTAGTATG
72601  GTAAGAGGAA  TTTTATGTTG  TTTTCTGAGC  CATGAATCTT  TGGAGCCCTG
72651  GCCTGTATTC  AGAGTATAGA  CTTGGGCTTT  TAGATCCTGG  CTGTGATGGA
72701  GGAGGCTCTG  ATGCTGGGAA  CCGAACTGTG  GCCCCGGTCC  TCTGCAAAAG
72751  AGCAGCAAGT  GCTCTTAGTC  ACCGAGCCAT  CTCTCCAGCC  CCTAACCATC
72801  TTTTGTATTT  GGTGGTCTAC  TCCCTGGCTC  CATCAACTGA  TACTTTGTTT
72851  CTGGCCTCCT  TCCCAGCTGG  GACTATAGGT  ATACACCATC  CTATACCACT
72901  GATACTTTGT  TTCTGGCCTC  CTGCCCAGCA  GAAACTATAG  GTATACACCC
72951  TCCTGTACCA  CTGATACTTT  GTTTCTGGCC  TCCTGCCCAG  CTGGGACTAT
73001  AGGTATACAC  CATCCTGTAC  CGTTCCTCCT  GGATCTGTCT  TAAAGCAGGG
73051  GTGCCCACTT  CTGCTCTTGA  CACCCACAAT  GGTTTTGGTG  CCCTTTGTTG
73101  CCAGCAAGAG  AGAATCAGGT  TGAAATTTAC  TTGCTAATCT  GATAGAGATG
73151  ACAGCTGGTA  GAGCCTTCGA  TGCTGTTTTT  TCACAGAGTA  AGTTCTTGCT
73201  TTGCAACTTG  ATGCAAATGG  AAGTTAGTCA  CCAGGAGTTG  TAAGCTTGGC
73251  TTTCTCTGA  AGCTCACCTT  ATCTCCTTTC  TTTCTAACTC  ATCCACTCTA
73301  AGGGTGTCTG  TTAAGCCAGC  AGAAAATAGA  CTGATACAGC  AATCAGGGAG
73351  AGAATAGAGG  AATGCAGGCA  TCAGATCACT  TAGCCTGGCA  TAGTTTAAAG
73401  CTCCTGGTTG  AAGTCATGTT  GGGCAGGTTG  GAGAATTCAT  CATGTTCAAA
73451  GAGTGGGAAT  AAGGCAGCAG  CGATTCCAAA  ACAGACCAAC  TCTTCAGTTC
73501  CCAAAGGAAA  TTAATCCTGT  CTTTCTACAG  TGTGAATAAT  TCAACACAAA
73551  TAAATTATAT  ACTCACTCAC  GTTCAGGGAT  TACTCCTTTA  CCTAAGCCAC
73601  CTATTCAGCA  TTACCTCCCT  CCCTCTTTCT  TTCTTCCTCC  CTCCCTCCCT
73651  CCCTCCATCT  TTCTCCCTCC  CTCCCTCCCT  CCCTCCTTCC  CTCCCTCCTC
73701  TCTCTCTCTC  TCTCTCTCTC  TCTCTCTCTC  TCTCTCTCTC  TTCCTTCCAA
73751  GTTTTCTTTC  TTTTTTTAGA  TATGAGTTTC  ATGTGGCACA  GGCTAACCTT
73801  GAACTATGTA  GCTGAGGCTG  GTCTTGAACT  CGTGATCTTT  CTGTTTTTAA
73851  TTTCCTAAGC  ACTGGGATTA  TAGGCATCCT  TCACCATGCC  CACTTTTTTT
73901  TTTTTTTTAA  ATCAGTTTTC  AACCAACATG  AGCCTTTTTA  GGTACATTTC
73951  AACTACATGG  GCTTTTTTTG  TTTTAAATGA  TAAATTGATA  GCTAATCACT
74001  GATTTTTAAA  TTGCTTTTGT  GAGGACTATA  TTCTAATTTT  CAACAACTGA
74051  GTCCTACACT  GTCTTTTTCT  ACAGAAGGCA  GCTGTGTATC  CAGAATAACA
74101  AGCTGTGTCT  CAACAGTGAG  CCTCTACTGA  ATTTTTAAAT  TGCTATGTCT
74151  GACAAACTAG  GACATGGAAA  TGTACTTACT  TTAAAGCAGA  ATTCAGGTTT
74201  TCTTTAGTGC  TACATCTCAG  GTTTTCTATA  CTAACCTGTA  TTGAAAATTT
74251  CCACATTGTT  GATATTCTCC  CTCTTCGTAT  TTATCTCTCT  CACTTGCTTA
74301  TTTAGTTAGA  TATTTTATCC  ATCTGCTTAT  TCACACGTCA  GCCCACAATA
74351  TTTATTAAAC  ATCTACTTAG  ATCATGCATA  AAACAGGGTC  GTAGGAAAGT
74401  TGAAAGAACA  CTCTCTGTCC  TTAAGCAATC  ACATTCCAAA  TTACAGGATA
74451  GGTCCTGTTG  ACATCTTTGA  GGGATGAGTT  GGGAGACGCC  AGGGCAATGG
74501  TTCTCAACTT  TCCTGTGACA  CTTTAATACA  GTTCCTCATG  TTGTGGCAAC
74551  TCCCAATCAT  AAAATTATTT  AGTTACTACT  ACTGTAATTT  TGCTATTGTT
74601  ACAAATTGTA  ATGTAAACAT  CTCTTTTTTT  TTTTGATGGT  CTTAGGTGAT
74651  TCCTGTGGAA  GGATTGTTTG  ACCCCCACCC  CCACCATGGG  GTCAATCCCC
74701  ACAGTTGAGA  ACCTCGCTCT  AAGGGATGCT  TAAAGTCAAG  GATGGTATAT
74751  ACTGTGTCTC  ATACACACAG  ACACACAGAC  ACACACACAG  ACACACACAG
74801  ACACACACAG  ACACACACAC  ACACACACAG  ACACACACAC  ACACACACAG
74851  ACACACACAC  CTCTATAGGA  AGGCTTCACT  TATAAGTAGA  CACAGATAAG
74901  TAACAAGGCA  AAGAATAACA  TAGAATTCAT  TATGCTATCT  TCAGATATTG
74951  GAGTTCACTA  CCTGACATTT  TCAGACCACA  GTCGATCGTA  GACCAATGAA
75001  ACTGAGGGAT  ACGAAGCCTG  GGCCAATGGG  AGTGCTGGAT  AATGCCTCTA
75051  AATCTGTAGG  TGTTAACCCA  TGCAGTCAGG  CAACATAAGT  AAAAGATATT
75101  TTTAGAAGGC  TGTGATGTTC  TGACCACACA  CAGGTAGTCT  CCCTCATTGC
75151  CTCCCAGTCA  GTGTAACAGG  TGTTTGGTAT  AAACGTCGTT  TTAGTTACTT
75201  ATCGATACTC  AAATCACCCC  CCCCCCCCCG  GGCGCGCATG  CGCATGCGCA
75251  AGCTCAGCCT  GGTATTTTAA  TATGGCCTTA  AACAGGTGCA  AGGGTCTGGG
75301  GCCACTCTCA  AATTTCCACA  TGGGCTAACG  CCCTCCCCCG  ATACTCCTGA
75351  ATTATTACTT  ACTAAAATCT  AAATTCCATC  TTGCTACCTT  AGACCCAAAT
75401  GAGGGACCCT  GGGTCCGCTC  TTCCCGGTTC  TTTCGGGCGT  ATGCTCCGCT
75451  TCTCCAGCTC  TCAGGCCTGA  TTTTTCTGTT  TCCCTGGCAA  AGGATTCTAA
75501  ATCTGTCCTT  TTCCCTGGGT  TCCCTTGCCC  ATGAAATCTA  AAGTCCCAGC
75551  TCCGTCTCCT  GCCTAGCCAT  TAGCCACCTG  CAACTTTATT  TTCCAATTAG
75601  AGCCAACGGG  GGCAGGGACC  CGAGGCATCT  TCATCTTACA  TGTAGTCGTG
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32

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75651    CAAATTCCTG   TGTAATTGGT   AACCCAATTA   AACAATATAA   GCAATAAACC
75701    AAATCCATAA   CATATAAGTG   TGATATTGCA   TCATAAGCAA   TCTAGAGATG
75751    ATTTAAAGTC   GGCCCTGAAT   TACATACAAA   TGCTCTGCAT   AAGGTAAATA
75801    TGCACGGTTA   ATGCATAAGG   TAAATCCAAG   GTTTGGGATG   TCTTGTCCAA
75851    GTTCCTGGAG   CCAACCAACC   CCACTTTGAT   ACACAAAGAT   ACTTGTAGAT
75901    TGGAAAAACA   GTGTACCCTG   TGAGGGAACA   CCTAGATTTG   TCTGAGGAAA
75951    TCTAGGGAGA   AAGCAGGGAG   GAGGTGATTT   CTAACCTGAT   GCATAGAAGA
76001    TGACTGGCCT   GGAGGACAGA   TCAGCATGAA   GGTTGTTTGT   TTGTTTGTTT
76051    GCCTGCCTTT   CAGAATTGTT   AAATGCTTAC   CTGAAACCC   TTACAGGCTT
76101    TTGAGTGTAG   AGTGATAGCC   TCAGACATGA   GATCCAGAGC   CCTTCAACCA
76151    CAGACCTAGA   CTTGCAAGGG   GCCCAGAGCT   GAAATGTTCC   GGGCCATGGG
76201    CTTGAGGAGG   AAAAGAGTTT   CCGTGGTCAT   TGTCGGCATC   TTCTCAACAA
76251    GAAGGAGCCG   CCCTTCAGAT   GTGAGTCTAT   CAACAGAGGC   GGCGGAATGA
76301    GCAAAGGATG   GGAGATTATC   ACCCGTGCAA   ATCTGGTGTT   CCATATGAGA
76351    TTACACTTAC   TGCTTATAGT   ACAAAGTATG   TTCTACACTT   AAAAAAAAAC
76401    CCTACCCGGG   CGTGGTGGCG   CACGCCTTTA   ATCCCAGCCA   TTGGGGAGGCA
76451    GAGGCAGGCA   GATTTCTGAG   TTCGAGGCCA   GTCTGGGCTA   CAGAGTGAGT
76501    TCCAGGACAG   CCAGGGCTAC   ACAGGGAAAC   CCTGTCTTGA   AAAACCAACC
76551    AACCAACCAA   CCAACAAACC   AACCCAAACC   CTGAAGATGG   ATATCTATTG
76601    CTCTATTTTT   TATTTTTAAA   GATTATACTG   ACATCGCTTT   CCCTTCCTTG
76651    CTTACATTCA   AATGCATGGG   TTTTTTTTTA   TCACTAACTT   GTTACATACA
76701    TACATGTATA   TCTATACACA   CATACATGTA   TATCTATACA   CACAAACACA
76751    CACATATACA   CACACATATG   TAATATTTCT   AAAGACATAA   ATACAACCTT
76801    CTTAGTCTGC   ACAGTGCAAA   TTGTACATGT   GGTTTCAGGG   CTGACCATTT
76851    GGTATTGGCT   AACCAATTGG   TGCGATCCTC   CCACGGGAAG   ACTATCCAGG
76901    TCTCAGCTTG   GTTGCCTGTG   TTCTTCGTGG   AGGGTCGAGG   CCTCCTGGGG
76951    GTGACCATCT   TTTTATGCTC   ATCACACCCT   TTCCTTCCTC   CCTGTTGCCA
77001    CCTTTTCTAA   AAATTTCACC   CACACAATAC   ATGTAGTTTG   TTTTCATCAG
77051    TGGTCGAGTA   TGGAAAGCTG   TACTGAAAAG   CAGTCTCCTT   GGCTCTCCCC
77101    CTGTCTGTCT   GTCTGTCCTG   ACTTTTGTTT   TATGATTTCT   GAGGCACTCT
77151    CATGTAGCCC   AAGCTGGCTT   TGATCTTCCT   GCATCACCAA   GGCTGGCCTT
77201    GAACTCTTCC   TTCCATTTCC   TTCATGTTTC   CTATACAAGC   CTGGTCTAAC
77251    TTAGGCCTAC   ACCTCTTGAA   GCTGCATCCT   ATTGCTCCTG   GGCTGGAGTG
77301    TAAACGGTAT   GCAGACAGTG   CCCCGTAGTT   TGTAGCCCAA   CTCTACTTTT
77351    TCATAGTCGA   TGCTGAATAA   ATGACTGTGT   GAAGACTTAT   TCTTTCCAAA
77401    GATAGTTCCT   GTTTTGAGGT   CACTGTATTA   TTTATCAATA   CCAGTTTTAG
77451    AAGCTGCAGT   TGCAAATAAA   TAATGTATTC   ACGTGAGCTT   CTGTGTTGTT
77501    TTCTGTGTAA   CGAGTTAAAG   AATGCATTTA   ATGGTACCTC   AAGCTGGAAG
77551    TAGAAAAGAT   GGATTAGAAA   TGTCCCGCTC   ATTGCTTTTT   ATGCTTTTAA
77601    AATTTTTTTA   TTTTATTTTA   TTTTTTTAAA   CTTTGGTTTG   GTTTTCTTTT
77651    GCTGTCGTGA   GCCTGGGTCT   CAGCAGAGGT   TAGTGTCAGC   TCGGCTGCCT
77701    GGGCTGTGAA   CTGCAGATGC   CACTGTAGCT   GAGCTCTGGG   ATTGGCTCAC
77751    TGAGGTCCCT   CACCGTGCTT   CATGTGAGGT   CCAGGAATGT   ATAGTTTTGC
77801    GGTCTGATAT   ATTTTGATGG   TTGCCAGATA   AAATCGATGT   CTGGCACTTT
77851    TTTCTAGGAA   AAACACATTT   AGACGTTTCC   AAGCTGATTT   GTAGGACTTC
77901    ATGTCATTAG   AACTTTGTGG   CAGAACTTTT   TCTCAAGTGG   CTGAAAACAT
77951    AAAGGAACTT   CAGTCTCGAG   GGCTGTTCCC   AGCATGTCCT   GGGAGTGCCA
78001    AAGCCGAGAG   GCGGACAACG   GCCTGGATTG   TTTAGACGGC   CTTTCTTCAA
78051    AAATAACTGA   GTATCTGGAC   TTCTTCCAAT   AAGGAAAATA   ACAGCTTTAG
78101    CTACTGACAC   CAGATTAGTC   CCACAACTTA   GGAAAAACGG   GGTACCTTTT
78151    CCTCAAGTTT   CTAATAACAT   TTCTTAGTCT   GGCTGAGAGG   GAGGACTCAG
78201    GTTAGTCTTG   AAGGTCTGAT   TGCTGTTTGC   TGTTCTATTC   TGTTTTTTGT
78251    TGTTGTTGTT   TTGTTTTGTT   TTTTTTCAAG   AAGAGCCGGG   TTGGGAGAAA
78301    CAGACTGTTG   TTGAAAGTTA   GCCTCCCAGT   TCAGGCGAGC   AAATCACAGT
78351    CTTTTTCTTC   ATTTATGTCC   TAAGTATCTT   GGATGCGAGT   TAAGACGCTA
78401    TTATAAAGGA   ATGAAACAGA   GAGAGAGGTA   GAGAGAGAGA   GAGACAGACA
78451    GACAGACAGA   CAGACAGACA   GACAGAGACA   GACAGAGGGA   ACCTGGTGAT
78501    ACACGCATTA   CTTTTTCTTT   AAACTCCCTG   GCTTCTCTCT   AAGGCCAGCG
78551    GGTGGATAGC   AAGTCTTTAC   TTGTTGGCAG   TACACTGAAG   CCTCTTGGAA
78601    CAAAATGACT   ATTGAAAACA   AAAAAGCAGC   TTCGTGAGAT   ACACTTCAGC
78651    TAGGGAGCCC   AGGAGTAAAT   ATTTTAGATT   TGGAAGAACT   TTAAAAAAAA
78701    AAAAAAAGCT   ACAGATCTTC   TGAAAGACTT   GCCATTTAAT   TAGTAGGTTA
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33

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78751   ATGAGGCCTT  AGGACCGAAA  ACTTGGTCTG  GTTAAAGCAC  CCACAAAAAC
78801   TCAAGTAGAA  CCTGGAAGCA  ATTCGACCTT  GATTTACAAA  CATGGTGAGG
78851   ACTAGGGCCA  GCTTTGGCTA  TTTCGAGGAA  CTGGATAGGG  AGAGGGATCA
78901   ATCAGGGAGA  AAGCTGTGTG  TGTGTGTGTG  TGTGTGAGAG  AGAGAGAGAG
78951   AGAGAGAGAG  AGAGAGAGAG  AGAGAGAGAG  AGAGAGAGAG  AGAGAGATCT
79001   CCTCTCCGGT  CTCCATTCTT  TCTGCGGGGA  GGAGGGGGGG  CTACGCTGTC
79051   TGGGGCTCGC  CCTGGCTGAG  CAGAGGGAAG  GGCTGAGGTG  CCACCGGCTG
79101   ACGGCTGACG  CAGAAGACGT  TCTTTTTCTG  CAGCCATCTG  GGAGTGGCAG
79151   CTCCTCCTGG  CGTCCAGGCG  CCCTGCGGGT  CTCAGGGGGT  GGGGTGGGGT
79201   CCTTATGTCA  GGCCACAGCT  ACAGAGGAGA  TGTCACCAAA  TGCGCATTTG
79251   CGCTGAGCGC  ACGGCGCCGC  TTTCCTCTAC  AGTGAATGGG  TTAACACCTT
79301   CTTCTACACC  CACCCCTCTG  CCCCCACCGT  TTACCTCCTA  CAAACAGAGT
79351   TGGGAACCTG  GCTGCCACTG  TCTGCAAACA  AAGCACCTCT  CTTGTTTCTG
79401   TTAATCCAAA  GTAAATATAA  TCTTCTATTA  GCTAGTTTCT  CAGTTATTCT
79451   GACAGCAACC  TACTCGGGGT  TAAAAAAAAT  ATCTAGCTAG  TTCAGCAAGT
79501   CACTATGACG  GAGGGACGGG  ACTGCCTACC  TCCTTCCCCA  CTCCATCCCC
79551   TAGGACCTCT  TATCTATTTG  TAAAAAACTA  TTTCAGAATG  TTCTAATGTC
79601   ATAGAAGCAT  CTAATTTTAA  TCACTTTTTA  AAAAGCACAC  ACAAGCAGTA
79651   TCATGCGTAC  ATACATTCTG  CTCTTTAATT  TGCTTCTCAG  GTTTGCTGTT
79701   TGGGGTCTGG  ATAGCTTTTC  ATGTCCTTAC  TCAGATCCCA  GCTCTTTACA
79751   TATTCCAGCC  CATGAACACA  CTTGTTGACA  GGCTTGGTCC  CCATCAGTGG
79801   ACGGTTAGGT  TGTCTCTGCC  CTCACAAACA  ACAGTGTATT  AAAGCCTCTG
79851   GGCTTATGAA  TGTTCTGTGT  GTTTATGGGC  ACAAACACAC  GGAGTAAATC
79901   CCTGCCCCTG  GAACTTTTTT  GGTGACGGGG  TACTCACATG  GGACATGTTA
79951   GAAGGTTTTC  AAAGGCGGGT  AGTCCTAGCA  ATATTTCAGA  CATAAATAAG
80001   TTATTATCTT  TCACATCTCC  AGCCTTTACC  AGGCTTTCTT  GAAAACAGTT
80051   AATATTTAAA  TGACACATTT  GTTACCGAGA  GCAAATCAGC  TTGTGTTAAG
80101   TTGCTAATTA  AGTGTCTTTA  AAGTTAAATT  TCAAGTCCCA  AACAGAGGTC
80151   TCTGGAGTGT  GCAATTCTCT  GCCAGGGCCT  TTAGAAACTA  GCAAGAAGCC
80201   AGCCGTGACA  AACTCATCCC  AGTCTCCAGG  GACATCAACG  GCTGTGGCAT
80251   GTGGCTCTGG  AAAACTAGCT  GCTTTGAGAA  ACTCTAGGGT  GGGATTGGGA
80301   AGGGGTTTGT  TTCATGTGTA  AGAGTGTTGT  CACCAATTAA  TTCACTTCAG
80351   AAACACTGAC  TAAACACAAC  CATAGCAAAA  GTTTCTCCTC  CCCCTGCCTT
80401   TCTTTGTACC  AGCCTCCCGA  CACCAGATGG  GAGCCCGGTT  CTAGGAACCA
80451   CAAAATTAAT  TTCCTGCCAC  TGAAAGGTGA  TCCAGCAAGG  GGATTAGCTT
80501   TGCCTGAGGG  TGGCTATACA  CTATATCTAG  ATCTTGCCCC  CAAAGGGATA
80551   TTTGGCTTGC  TTGTGAGTTT  AGTGGCTCAA  AGCGTTCCAC  CTGCACCAAA
80601   CGGTCCATTT  AGCTCCTCAC  TTGAGTTTTC  TAGGTAGAAA  CATTACAGAT
80651   GAAACCAGGT  TCCAATGGAT  GAGTCAAGTT  TTAGAACTTG  GGATTCAAGC
80701   TGCTATTAAA  TTGCATTATC  GGCAATCCTA  GTAGCACTGC  CCCCTCCCCC
80751   ATAGCCTTTT  AGATTATAGT  CAACCTTGAG  GGTGGGGGTT  GTGTAGAGTG
80801   TTGACAGTTG  TCATAATTCC  TCAAATAACC  ACTTGACTGA  AAAAAATGGC
80851   TATTTTAAAA  GCAAACTCCC  TCACTCTCAA  AACTCAAAGA  CAGTCACATT
80901   GGGATGGGGG  GGGGGGTGTC  TGGGTGGCAT  CCAAGAGGAA  AACAAAGAAA
80951   AACAAACAGC  AAAACTCAAA  CCAAACCAGT  TAAAACAAAA  AGAAACTTCC
81001   CATTCTAGGT  CCAAAATTGT  GCTTTCAGAT  AGAGGAGACA  AATCAACAGG
81051   GCTGAGGAAC  CTGCTAATAA  AAGCCTCTGA  TTTCAAACCA  GTGTCCAGTA
81101   ATACAGGAGG  GGCACATTGG  AAGAGTGAGG  GAGGCGAAAT  GATGTCCTGA
81151   AATAGAATGG  TCCTCTCAAC  GGTCAGGAAG  CACCTGGGGA  CTTACTTGCT
81201   TAGAAATTCA  GACAGAAATT  GTTTCTGCAA  TTAGTGGGAA  ATGAGGCTTC
81251   TAAGCGCCAA  CGCCTTTAAT  ATTTTCATGC  CTTTATCTGC  CTTTTCCATC
81301   AACGTGAATT  ACAGTGACAA  TGCATTCAAG  TTAATAATAC  CAAATGTAAC
81351   TTGGGTTGCA  AGGGTGGGGC  AGATGATGTC  AAGCTAGGAA  GGACACTTAG
81401   ACTGGACACT  TGGCTTTAAC  TCCGAATCTC  CCTTTCCTGC  TTTGCCCAGA
81451   GCCTGCACAC  CCAGCCTGCG  GGGCTTTCAT  TTTTACAGCT  CCTTTCAAGA
81501   TTCTGTTTAA  AAGTCGAAAA  GTGAAACAAA  GATGTTTTAA  TTGTTACAAC
81551   GTCTACCACC  TCTTTTAATT  TTTTTCTTTT  TTCTTTCTTA  ACATCCATAA
81601   AGACTTTAGT  CCAGGGGTTC  TCACCCTTCC  TAATGCTGAG  ACCCTTTAAT
81651   ACAGTTCCTC  ATATTGTGGT  GACTCCCCCC  CAACCATAAA  ATTATTTTTG
81701   TTGCTACTTT  ATAGCTGCAA  TTTTGCTACT  GTTATGAATC  ACAATATAAA
81751   TAACTGGTAT  GCAGGATATG  TGGTATGGGA  CCCTATGAAA  GGGTCACTTT
81801   CGTCCCACCC  CGCAAGGGGT  CACCACCACA  GGTTGAGAAA  CAGCTGCTTT
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34

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81851   AGAAGCTATT  CTTTTCCAAA  GTCCTTTACT  AGCAACTGAC  CAGGGTTCTT
81901   TTTTTCTTTT  TCTTTTTCTT  TTTTTTACTT  ATTCACTTTA  CTCCCACTTA
81951   CTGCCCCCCT  TCTTGTCACC  CCCTCCCACA  ATCCTTTCCC  CTTCTCCTCT
82001   GAGTGAGTGG  GGACACCCCC  GTGTCCCCCA  CCCCCCTATG  ACAAGGGTTC
82051   TTACTAGGAT  TTTTCCTCTC  CCTAAGAAGT  GTTCCAACTC  GTGTTTCTTT
82101   AGATACATCG  TTTTCCTTTG  GCACTCTATC  ATGAAGGCAG  TTGGTTTGCT
82151   TGAGAACTCT  GTTGTTTCAG  CACTTTAGAA  TGTGAATCCA  CAGTCACTGG
82201   GTTGCTAGAA  AAAGATGTCA  TGAATCAGTT  TTGAGCACTA  GAACGCTGGT
82251   AGTTAAGGGG  AGGGCTTGAA  CTTGCATACC  ATTGATCTTT  GCGTTTTAAA
82301   TAAGAGTTAA  AAAAAAAAAA  AAGTCCTGTG  GTTATGTAAG  CGGTCCTTGA
82351   GGCAGGTTTG  ACTACATTTT  CTTCAAATGT  CAAATTGAAT  AATCCAGTCA
82401   GAAGCACGGG  GTCCCAAGTC  TTGTCAGCAG  TTCTGAAAGT  TAAGATTTAT
82451   TGCGACTTCT  TTCATTGCCT  GGGCTTTATT  ACTTTTGAAA  AATATGTGAC
82501   GGTATTACCC  TTGGATTTAC  TGGGGTTCTT  AAGGTCTTGT  CAAAAATGAA
82551   ACAAGTCCTC  TCTGTGGTAG  GAATCGCCCG  TAAGCACGGT  GGTGAGGGGA
82601   AACTTTGCCT  TGAGAATCTC  ACTCTTAAAA  ACAAACTACG  CTCAGCCCTT
82651   TCTTTTTGCC  AGTAGTCATT  TATTTTACCG  ATTCTGAGCC  AATGGTCAAC
82701   TTCGGGGATA  CTTCACATAG  TTCAACAAAC  TGTATGAGCT  GCTTTTCAAA
82751   ACACGGCTTG  CATTTCCTGC  CCCTCATCCC  GTTTAGAAAC  CTGATGGAGT
82801   GTTTCTGAAG  ACACGTCCCT  AAAACTTGAG  AGGGAAGCTC  GATTCTTTCC
82851   ACCATTCTTT  GTGGTCCAGA  GGCCAGCTCT  GAAGTGGGCT  CCTTACCGAC
82901   GACTCCAATG  CACCTTGAAA  GGCAGGAGCT  GAGCGAGGCT  CACGTTTCCT
82951   GCCTGTGCGC  GCCTCTCCGC  TTGGAATGTT  TTTCTGCCAA  CTGAAAGTAG
83001   AGCTTGATCC  TCCTCCTCTT  CTCCTAGATT  AAGCCTGCTT  TCACTCCTTT
83051   GAAATTAGTT  TGGTTCCTGA  CCAGAAATGC  CTAAAAGAAA  GAAAGAGAGA
83101   GAGGCAGAGA  GACAGAGACA  GACAGAGACA  GACAGAGACA  GAGACAGAGA
83151   GAGACAGAGG  AGAGAGAGAG  GCAGAGAGAC  AGAGACAGAG  AGAAGAGAGA
83201   GACAGAGAGG  GAGGAGGGAG  AGAGAGAGAG  AGAGAGAGAG  AGAGAGAGAG
83251   AGAGAGAGAG  AGAGAGAGAG  AGAAACCAAA  GCTCCCAAAC  CAAACCAAAC
83301   CACAGCCTCT  AGTCTTTCTT  TCTGCTATTT  GGACTTAATC  AAATAGCATC
83351   TACTTTCTCC  TTGCTTTTCC  TCTCCCCCCA  CACCCTTTCT  TCCCCCTACC
83401   CACCCCCCTT  CTTCCTTTTC  CTCCTATCCG  GTAACTTATT  TCTTGAGCTC
83451   TGGGGTTTTC  TCTGTAAGAG  GGTATATGTA  AGCATGCATG  CATGCAGGGG
83501   CCAGCAAGTC  AACCACTGGT  CACTGCTCCT  CAGGTACTGT  CCCTTGGTAT
83551   TTGAGACAGG  TTACCTCTAG  GGTCAGGGGC  TCTCTGATTT  GCCAGGCTGG
83601   CTGGTCAGTG  AACCCAGGA  GTGAATCCTT  ATGCGTGGCT  TTCCCCTGCA
83651   TTCCGGGGGG  GGGGGGGGCA  TTGATTGAGA  GCTCAGGGCC  TCATGACTGC
83701   ACGGCAAGTA  CTTTACCCAC  TGAGCTGGAT  CCCCAGACCT  GGTGTGGACG
83751   TCCTTTTTCA  AATAGTTATC  TTTGTTTTCA  TTTATTTATT  TATTTATGTA
83801   TGTATGTATG  TATGTATGTA  TGTATGTATG  TATGTATGTA  TGTGTGTACA
83851   GCGGTAGCAT  CCAGAAGACA  TCAGATCCCC  TAGAGGTGGC  TGTGAGCTCC
83901   TGACCTGGGA  ATCCAACCTG  GGTTGATTCT  GGCACAGCAG  CAAATGTTCC
83951   CTTCTTTGTT  GTTGTTGGTT  GTTTTGTTTT  GTTTTGTTTT  TAGAGACAGG
84001   GTTCTCTGTA  TAATCCTCCT  GGCTGCCTAG  AACTCGCTGT  ATAGGCCAGG
84051   CTGACCTGGG  ACTCGGCGAT  CTGCCTTCCT  CTGTGTCCTG  AGTGCTGGCA
84101   TGGAAGGCTT  TTGCCACCAC  ACCCACAGCA  GATGCTTTTA  ACCATCACGC
84151   CTTTTCTCTA  TCCCCCGGTC  TAGTTTGTTG  GTCTTTTCTC  TGCGGTTATA
84201   AGTCTTTGCA  GTCTTCAGGG  TTACACAACC  AGACAAGCCT  TTTTCCATTT
84251   TCTTTCTCTT  GTGTGTGTGT  GTTTGTGTTT  GTGTGTATGT  TTGTGTGTAT
84301   GTATGTATTT  GTGTGTCTTT  ATGTGTGTAT  GTATATGTGT  GTGTTTATGT
84351   GTGTGTATAT  TTGTGTGTTT  GTGTGTATGT  ATGTGTTTAT  GTGTGTGTAT
84401   GTTTGTGTGC  TTGTGTGTGT  GTTTAGTGTG  TGTGTGTGTG  TGTGTGTGTG
84451   TGTGTGTGTG  TGTGTGTGTA  GAAGCATGGT  TCTTTCACCA  CTACCGTCCA
84501   GCAGCAGGGA  ACACAGCACT  CCCAGGGATT  TTCCTGGGTT  TGTTCCTCAC
84551   CCACCCACGC  TCACCCTTGC  CGTACTCCTC  ACGATTCAGT  ACTTCTCAAA
84601   CCCAGCACAA  AATCCCACTT  ACACAGTTGT  CCAGGAAAAT  CCATAGGAAG
84651   GGGCTTGGGA  CAAATGATAA  GCATATTTGG  ATTTATTTAT  GCCTGATTTG
84701   AGGCTGTTTC  TTCAAAATAA  ACTTTTATGT  GAATGGGTTT  TTGTCTGTGC
84751   ACCACATCTG  TGCCTTGTAT  CTGGTGCCTG  TGGAAGCCAG  AATAGAAGAC
84801   TGGATCCCCT  TGCTATGTGG  ATGCTGGGAG  TTGAACCCAG  GTCATCTGGA
84851   ATAGCAGCCA  GTGTGCTTTT  AACCACTGAG  CCATCTCTCC  AACCTGACTT
84901   TCTTTCTTTT  TTTTTTTTTT  TTTTTTTTTT  TGGTCAGGAG  TGTGGGGAAC
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35

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84951   TCGTCCTATC  TGCCGACTTT  TATGGCAAGT  ACTTTCCTAT  ACTATTGGAT
85001   CCAGTCCTTA  CAACATCATT  TCTGGCACAT  CATTACACTG  TGACCACTTT
85051   GAAGATAAAG  AAACTCGGGG  CCCAAGGGAA  GGTGAAGTAG  AAAGGCATCG
85101   AAAGGCCTCT  CCTCACTGTG  TCAGGGCTGG  GATTTGGAAC  CAGGCCTTCT
85151   GATTTTAATA  TCAGGTTTAA  TCTATACTCT  CAAGCAAGGT  CGTGCAGCCA
85201   GAGCAACTGA  CTAGAAGGTT  CCACAGAGAA  GGCTATCAGA  GGACATTGAC
85251   CCACATGTGC  ATCACTGATC  TGACTCGTTC  CAAGCAACCG  TAGGCCTCGT
85301   AGGCCTCTCT  GCTGTGCCCT  GTATCACTAT  TTTATGACCC  TTTTCTGGAG
85351   AGGGTCAACA  AGCGTCTCTT  CAATAGCGAG  AGGACATCAA  TAAAGACCAA
85401   AGTGGCTCTA  CCCACCGGTG  AGCCGGTGGG  TTTCATGAGG  TTTGCTTCCA
85451   GCGGCCTAAG  GTGAGCCCGT  GGTTGACCGT  TCCCTGCAGG  GGCACAGGCA
85501   GCTTACAGGA  GGCAGCATCA  CTAAAGAGAA  AGCTCTCGGT  TGCTCTCACA
85551   ACCACTGGCT  ATAAACCCTC  AGGGAGGATC  CTACTCCTCC  CCACGGCATG
85601   AGAGAAAGTT  AATGGGCTCA  GTCTTGCCCT  GGTCTCCTGT  GGGTAATTAC
85651   AGCTGCTGAG  AGTTCAAGAG  GGTAACTGCT  ATGTCGATCT  TAGAGGATGG
85701   TGTTTCTCAA  AAAAACCCAC  CCACTACAAA  TTATATTTTT  TTCTTGCTTA
85751   TGTGGACTAG  AGACATTATT  TTAGATAAAC  TATAGATGTA  TTATTTAAAA
85801   AAAAACTTTA  AATAGTTACA  AATCTCCCAG  GAAAGTATAA  AAAGATATGA
85851   CAGAGAGGGC  CTGGCCTGTG  TTCCCGTTGG  CAAGTTCCAC  CATGGCCACA
85901   CAAGGGCACA  GAACCTTGAC  ACTGGTCTAA  AACTGTGTTT  AAGGTTCTGC
85951   GACACCATGA  CCCAGAAGGC  TTCGACAGAA  GGATTATTGT  GAATCGGAGG
86001   CCTGTCTGGT  CTACATAGTA  AGTTTCAGGC  CAGCCTGGGC  TATGTAGTAA
86051   GACTCTGTCA  AAGAAATGAA  ATGAAAATTA  AACAAACAAA  CAAAAAAACC
86101   CAACACATCT  AAAATTTGCA  TATCGTGCTA  TGTATCTTTT  GTCCTCTAGA
86151   TCTTCCTTCC  TTCCTTCCTC  CCTTCCTCCC  TCCCTCCCTC  CCTCCCTCCT
86201   TCCTTCCCCC  CCTACTCCTC  TCTCTAGACA  GGTTTCTCTG  TTATAGTCCT
86251   GGCTGTCCTG  GAAACCACTC  TGTAGACCAG  GCTAGTCTGG  ATCCACCTGC
86301   CTCTTCCTCC  CAAGTGCTGG  AATTAAAGGC  GTGGCTAGAT  TGTATTTTCT
86351   GAGAATTCAT  TGCTCTTAGC  TTGTGCTCAT  TCTCTTGGCA  TTTTTTTTTA
86401   ATTGATTTGG  GAGACTTTAT  ATATTCAGCA  TAATAACGCT  TTTATGGGTT
86451   AGTAGAAGTT  GCACTTGCTG  GCCCTGCCCG  TTTTCAGCAC  TGTGCCCCTA
86501   AACCTGACCC  AACCACTGTC  ATGCTTTTTA  AAAAAAAAAA  AAATTATTAG
86551   ATATTTTCTT  AATTTACACT  GTCTTCATGC  TTTACAGTGG  TGGCTTCCAT
86601   GTCAATTCCC  ACTCGGGCCT  GATTTAGCGA  TATCATTTTT  TCCTTACCGT
86651   GAGGTCCTAC  AATCATTCTG  TGAATATGTA  GAATATGGAT  TTCCTTTTCT
86701   CTTTCTTTCC  AGATGGAGAA  GCGCCTGACC  TAGTATGATT  CACTGAACAG
86751   CCGTGTGTTT  TCCCTGCTGG  CTTTTTCCAC  GGGCATGTGT  TTGTCATGCC
86801   CTTGACGGTG  CCCTGTGCTG  GGTTAGCCAA  TGCCATGGCT  TTAGGATAAG
86851   CCTTTTGGTC  TAGTGTGGCC  AGGTGCCTTT  CTGTTATCTT  AGTGATTTCT
86901   GGTTCTTGAT  TCTTTAGTAT  GAACGTAAGA  ACTAACTTGC  CAGATACCAC
86951   AGGGGAAACT  GTAGATGTTA  ACTGTAGTTT  CAATGCGGTT  GTATTTACTG
87001   GAAAGTATTG  CCCATGTTGT  GTCTTGTCAT  TTACCTCTCT  GTGTTGTGGG
87051   TCGATCTAAC  TTGACTCCAT  CTCAGTCACC  CTTTGTTATG  CCTGTCTGCG
87101   AATTCCCCAC  AGTTTTACTG  CTATTATTAA  TGGACACTTT  TTAAAAGTTA
87151   TGCCCTTAGT  TATCTGTATG  TACATGATAA  TACATAATAA  TGTCACTGTT
87201   AATTTGGCGA  TATTAATTTT  TATCTAGGTA  CCTTGCTGAA  CTCTTAAATG
87251   GTTCTAAGAG  TTCACACGAG  GAGTCTGGAT  TTAAAGAAAC  ACGATGAACA
87301   GTTTTATTGT  AAGTTCCCCG  CAAACTTTTG  AATCTGAGCT  TCCATTTACT
87351   GTTTTGTATA  TATGCAGGGT  TAAAAAAAAT  AAACATGGAT  ACCCATTCTT
87401   GGTACATTAT  AAAGTATCTT  TATTCATTAA  CTTTTTTTCC  CCCTTCCCTT
87451   CTCCCTTTTG  CTCTGGCCCC  ACTCGCTCTG  GGCCCCCGCA  TTAACTTTAT
87501   TATTATTATT  ATTATTATTA  TTACTAACTC  TCATTCCTTC  TTCTATTAAT
87551   TGTCATGGAA  AATTTAAAAG  TTGACAACGA  AAATTTTAAA  TATGTAATAA
87601   AAATTTAAAT  CTTTGAAAAA  TTAGGAACCT  CACATTGCTG  ATGACCTAAT
87651   TAGCATGTGG  CTTTCTAGTC  ACGTGAGTGT  GTGACTGTGG  ACTGAGACAC
87701   AGGACAACTT  ATAAATCTAG  GGATACAATA  AGAAAGAATA  ATAAGGGGGC
87751   TGGAGAGATG  GCTCAGCGGT  TAAGAGCACT  GACTGCTCTG  CTCTTCCGAA
87801   GATCCTGAGT  TCAAATCCCA  GCAACCACAT  GGTGGCTCAC  AACCATCTGT
87851   AATGAGATCT  GGCGCCCTCC  TCTGGTGTGT  CTGAAGACAG  CTACAGTGTA
87901   CTTACATGTA  ATAAATAAAT  AAATTATAAA  AAAATCTTTA  AAAAAAAGA
87951   AAGAATGATA  AGAATACTGC  TAGCACATCT  ATGCATGTGT  GTGTGTGCAT
88001   GCGCTTGCAC  ACACACACCA  TTTGTTAATA  TGTAAAATCA  TGTGAGATAT
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36

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88051   ATGTTATTGA  CATGAAGAAA  ACATGAAAAT  GAAAAATCAA  ATTTGGGAAG
88101   TTACTCTATA  TTTTGAGTAA  CTATGGGCGC  TTCTGATTGT  CTACTGGTCA
88151   TGCCCATGAA  TCTATTCCTA  ACTAGAGTCT  CAGGATAGAT  GATAGGCCTG
88201   TAAGAGATCG  TGGAGGGATT  ATTTCAGGGA  ATGGACATCT  CTGATAGATG
88251   CTCAGTTCCC  AGGACAGCGT  AGGCCCCCAC  CAGATCTTTA  ATCTGGAAAC
88301   TAGGAACAGG  CTTCCCTAAC  AAGGTGTGAG  CAGCGGTGAC  AGTGAGGAGA
88351   GGAGCCCATG  AAATCTGGAG  GCCCATACTA  CTCATAGCCA  GGGTGTCAGC
88401   CAGTCCTCTC  ATTGAAACAG  GAAACGTCTA  ACACTAGCTC  CTCCTGAAGG
88451   GAGTCTCTCA  AGGGCCTGGC  TGGTCGCATT  GGAGGGGCTT  GTGTTTCCAC
88501   GGGTGTTCAA  ACTTCGTTGG  AGTGAGGTCC  AGGATGTGGT  CTGAACCAAG
88551   AGGCTCTCGC  CAGGCTCTTT  GGTTCTCCAC  CACTGAATCT  ACTTGGTCGA
88601   AGACCCGAGT  CATAGCTCTT  CTCCCAAGCT  ATGCAAATAA  ACAGTGTGTC
88651   CTATTTTTAG  GACGTCATTG  CTAACAAAAA  TAGCTCGAAA  CCCAGACATT
88701   TGAATGTCAG  CAGACTTCAG  CTTTAAGACG  CTATCCTGTG  GCAGCCATGC
88751   CGGGCGATGC  TGACATTTTC  TCGGGGGTCG  TTGTTTGATC  TTCCAGCATA
88801   CTCACTGTTG  TCGTTTCTGT  TTCCATTTAG  GAAAACCAAG  GCTCGGAAAT
88851   GTTAGGTGAC  CCGCCCCAAG  TCAGCCTTTC  ACAAGCAGAG  CCCAGGGTGC
88901   TCTGTGAGTC  ACCAGCCGGA  CATCACAGCT  CTCGATTTCG  AACATATTTC
88951   CTTCCCACCT  CGCCACATTC  CATCTTGACA  CTGGTAACGG  GATGTTGTTA
89001   TTACATGGGA  CTCGGTCCAG  TTTCCTGAAA  GGAATTTAGT  TGCTACATTA
89051   GATTCGAGTT  ACATAATCAG  GAAATCACTT  ATCCTTCTTA  GCGTCTTATT
89101   TGCTTTATTA  AAAAAGCCAT  TGGAGGGGCT  GGAAAGACGG  TTCCGCAGTC
89151   AAGAGCACTG  GCTGCTCTTC  CAGAGGACCA  GGCTTAATTC  CCAACGCTCA
89201   CATGACAGCC  CACACCTGTC  TGTAAATCCA  GTTCCAGGCA  ATCTGACACC
89251   CTCACATAGA  CATACACCCT  CACGTAGGCA  AAACACCAGT  GCACATAAAG
89301   TAAAAAACAG  TTATATATAT  ATATATTTTT  TTTTTTTTTT  AAAAAAGAAA
89351   CCCATTTGTA  AAGAAAGAGA  AAGTGGAAAG  GAAAGAAGAA  GGAAAAGAAA
89401   AGAAGAGTAG  GAGAAGAAGA  AGAGGAGGCA  TCAAATTTCT  GTTCATTAAG
89451   CTCATTTCAT  TGCGTTCTTT  TTTACAGAGA  GACTCAAGAC  ATTTTTTCCA
89501   ACATAGCATC  ATCTGTGGCA  ATTGCTTGGC  AATTTAAAGG  GCTCCCAGGA
89551   ACTGCATGGA  ACAGTCTTAG  GACATGCAAT  CAAACCCATC  AGACTCTGGG
89601   CAAGCTCCAC  CAGAAGAGAG  GCTGCCTGCC  CCTCGCCGAT  TGCTTTAACC
89651   CAAGTTAAAA  CCAAGCTTGG  GATCCCATGC  TTGCTGAGAT  GATTGACGGC
89701   TGTCATAGGA  GAAACTACAT  CTGGGAAATT  TCTCGCCAGG  ATCTACTGAT
89751   CTCACGTCGA  TGGAATATGG  AGAACAAATG  TTGGTTTGGT  TTGCCAAGCA
89801   AAAGCACAGC  GAGCACCCAG  CATCCTGTG   AATGTAACAC  ACATAGTTTC
89851   AGTTTGGCAT  CTCTCCGCTG  GAGTGTGGTA  CTGTTTCCTG  ATGAGGTTCC
89901   GTTGGCTGCA  AAAGCTTCAG  TTACTTTGTG  GCATGGTGGA  AGAAGAATGC
89951   CTCACTGAAT  GCCTGCACCC  GGGCTTGGCT  CAAACAGCTC  AGGAAACCTT
90001   ACCTGTTCAA  GGCTCAATTT  CCAAACACTT  CCTTTTCTTC  CTGTTCTTCT
90051   GAACTGGAAG  ATTCTTAAAA  AAAAAAAAAA  AAAAAAAACA  ACTAAAATTG
90101   GATTTCGGTC  ACTGTTGTTC  CAGGACAGAT  GGGAATGTGA  TAATACTGTC
90151   CTTGCATGGA  TAGGGTGTAG  GTATATATGA  AAGAAGGCAT  GCCTCTTTAA
90201   AAATTCAATA  TGCCAGTGAT  CTGCATTTTT  ATCCTCTAGA  ACAACAGCAA
90251   AAGGCGTTGT  CCAATCTAAT  ATTTATATGC  TTGAAAGTTC  TCAAATGATC
90301   ACATATCAAA  ATTAGCTATA  GTGACTATAA  TTAAAAGCAG  TCTCAGCTGG
90351   GTGTGCTGGC  ACGGGGCTGT  GATGCCAGTT  ACTTGGGAAG  CTGAGTCAGG
90401   AGTGTTACAA  GTTGGCAAGG  GTCACAAGGC  TTGCCCGGGC  TGCAGAGTGA
90451   GTTCAAATCC  AGGCTGGGCA  GCTTAGTGAG  ACCATGTCTC  AAAATAAAAA
90501   GTGTGAAAAG  GGCTGGGATG  GAGCCCTGTG  TTCTTACCTA  GCCCGTGTGA
90551   AATCCAAGGC  TCAATCCGAG  ATAGGGAAGA  AAAAGATCAG  ACACATTTTT
90601   AAAGTAATGA  CGGGTACAAA  GACAAAGGTG  CCTGCGTTCA  TCTGGGCCAA
90651   GGTGCAAGCT  GTTCCCTCAT  GTCTCCTTAC  TCACAGGACA  TTGCCCTTGC
90701   ACTCCTGGCC  CAAGATGGCT  CTTGATTCTT  ACATTGCTCC  CTTTCGCCGA
90751   GCTATGCTCA  AATGCCAAGC  AAAAGCAACT  TAAGGGAAGG  AGGGTTTGTC
90801   TCATGGTTAG  AGAGAACAGT  CAGTGGAGTG  GGGTGGGAGT  GGAGGAATCA
90851   TGCAGCAGCT  TCAGTAGGAA  GCAGAGGGAG  GTGAACGCTG  CGGTTCCACT
90901   CATCTTCTCC  TCTTTGTTCA  GTCTAGGGCC  ATAGTCCAGG  GGTTGATGGC
90951   ATCCACAATT  TGGGGGGTGG  GGTGGGTCTT  CCCCACTCAG  TTGAGCCTTT
91001   CTGGGAACAC  CCTCATAAAC  ACACCCACAG  GTGTTGATTC  TAAAACTCGC
91051   CCAATTAATG  GGTTTGATGA  ACATTGACCA  TTTTCCATTT  ATAACCTTTA
91101   AATGTTGCTC  ACATTGCTTT  GGCCAAAATG  GGATCGCCCA  AGCCCATCTG
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37

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91151  ACCGCAAGGG  AAGTTGGGAA  ATGTAGTCTT  TGTTCTGCAC  AGCCATGTTT
91201  GACCAACTAT  ACAATTAGGT  TTCTAGGGCT  GGAGAGATGG  CTCAGTTACG
91251  TGCCTTTGAG  CCAATGTGAA  GGTGCGAGTT  TGGATGCCCA  GTAAACATGC
91301  AAAAGTTGGT  TGTGACTGTA  TCCCCAGCAC  TATCAGGGAG  GAGACGGGGA
91351  GACCTCTGAA  GCTCCCTGGT  CAGCTAGCTG  AGCAGAATTG  GTCAGGTACA
91401  GGTTCAGTGA  AAGACCTGAT  CTAAATTTTA  AGGTAGAAAG  CCATTGTGGA
91451  AGGCACACAG  TGCTAACCTC  TGGCTTTCTA  TATGTGTGCA  CACATCCACA
91501  GGAACAAGTG  CATTGCATAC  ATACTCGTGC  ACACACATAC  ACACACCTTT
91551  CAACTTTAAT  TCTAATAGAA  GGAGACTCCT  CTGTTGTCAC  TTGGAGCCAC
91601  TTAGACATCT  GTGGCTTCTA  TTTATTTCCC  CACACTAGGA  GTCAGGTACA
91651  AGTGAACCCA  TTCATCAGTC  AAGAAAAAGA  GAGATCAAGT  TACTTGCTGA
91701  GGGAACACAG  CTAGTTCTTT  GTGAGCCTTT  GGGGTGTGCC  TTTACTTCTG
91751  TTCCCTTTGT  ATGTTGTGTG  TCTAGTTTCC  TGTGTGCTAG  CACTGGAATC
91801  GGGGTGGAGA  TACCTCTGCT  TTCTCGGGGT  TGCCACAGCA  GACTGGTACC
91851  TCATTTCACC  ACACCACTTA  AGAACAGGTG  TCCAGGAAGG  TGTCCCATGA
91901  CTTGCCTTTA  GAGTTCAAAG  CAAGCACACG  TTTAATTTTG  TTCAAGGAAT
91951  TCTGTGACAC  TTATTGAGCA  ATGGGTAGTA  CATTTGAGTG  TTGCTTAATC
92001  AAAACTGGGA  ACCAGGCCAA  TCGACATTCT  TAGGTTTGAT  TCAGATTATA
92051  CCTGACTTGT  GGTTAGGTTA  GAAAACCCAT  CCCCCCAGAC  TCTCCTTTCC
92101  TTCCTTCCTT  CTTTCTTCCT  TCTTATGTCT  TACCCCCTCC  TTTTTTTTTC
92151  TTGCTTTTTG  ATACAAAGTC  CCAGATATCT  CAGGGTGACC  TTGAACTCAC
92201  CAAATAGCCA  AACATGGCCT  GGATTCTGAT  CCCTTGTTCT  TCATCTCCCA
92251  AATATTGCTA  TTCAGATGTG  TGCCACCTGC  CCTCAAAATC  TTTTTAATTA
92301  AGAAGGAAAT  TCTTCCAAGT  ACTTGGGAGC  TAGATGCAGG  ATAATCAAGA
92351  ACTCAGAGGG  CTATGTAGGG  ACTTTGAAGC  TAGCCTTGAC  AAAAGAAGAG
92401  AAGAAAACCT  TTATTCATTA  TTTCTATAAT  TTTTTTCCAG  AGGCCAATGC
92451  TGACACAAAG  ACAATCTCTT  AAGGTGGCAG  ATTTTCTAGA  AAGAATTTTA
92501  TTTTAAGGAG  GAAAAGAAAA  AAAAACACCA  TTGAAAACAG  ATGTTGTTCT
92551  TCTACGTCAT  CTAACCACTG  GCATCTTCCA  TGGAGCAAAA  TTTGGCAGGA
92601  GGTTTTGGTT  CTGGGTTCCC  CAACCCCCAG  AGCACAATTT  CCAACAGATG
92651  CTATGCACTG  GAAACAAAAT  TTAAACAGG  GAAACCTGGC  TTGTCAAAGT
92701  TCAAATCTGA  GGTTTTCCAA  GTTTGTGTTC  CAGATCCAGA  GGACATACCC
92751  AAAGAGGAAG  CCATTTGCTT  GATTCAGGCC  CAGGGTCAGT  TGAGCCACTC
92801  ACCTTTGGCA  GCAAAACCCA  CCAAGATGTC  AAAAATATTT  ATAACCAAAG
92851  ATGCTAATTT  AATGCTGCAT  TAAAAAATAA  TGTTAAGAAT  AATTGTGATG
92901  AGCAAATGCC  ATATCTAAAT  TTTTATTCTT  AAATTTTTCA  AAAGTGTATA
92951  AAGTGAAATA  TGATCATATC  CCCTGCTACT  TTTTCCTCCA  ATTTCCTCAA
93001  ATCACCCAGC  ACAGCCAGAA  CCCAATTTCA  TGTCTTTTTT  TTTTTTTCTT
93051  TTTTAATAAC  CCACTTATTG  GAGGAGGGTC  TCGTGCCCCG  TGGTGTATTT
93101  AGACGCTGAC  TTCTGTCCCT  CGTGATCTGG  TTACATTCGG  GATGAGGGCA
93151  TTGTCATGAA  TATTGAAAAA  TCTCCTGTAT  CAACGTAGTG  TAAAGACTGT
93201  TCCCCAACTA  CCTCTGATTG  GTTAATAAAA  GGTTGAACAG  CCAATGACTG
93251  GCCAGAGGAG  ATTGAAAGGT  TGGACTTCCG  GTCCCAGCCA  GGGGTCTCAG
93301  AAAAGAGCCA  GGAGGAGCCC  CGAGGCAGGT  GAGGAGGTAC  AGGAGGCAGG
93351  TAGAAGAAGA  GGAAGAAGAA  GAAAGGAAGG  AGAAGGGGGA  AGGGAGGGGG
93401  AGGAGGGAGA  AGAAGAAGAA  AGTCAGCATG  AGGTTGGTGT  GAGGTGCAGT
93451  CACTAAGGGA  GTTCGACTTG  AGGACTCTCC  GAGGGAGAGC  CCTTTCCCTT
93501  GTCTATGCTG  GAAGTTTGGC  TGGCTTAATC  TTACTCACGT  CTTGTGTTGG
93551  TGACTAAAGT  CACCCTGCGT  TCATGAGCTC  TGCTCATGTA  AAGACCAGAA
93601  GCTTGCCCTT  CACAGCATTC  CTCCCCTTCT  CTGGCTCTTA  CGTTCTTTCT
93651  GCTTATCTTC  CACAATGCTC  CCCGAGCCTT  CGGGATGGTG  GTGGTTGTGA
93701  TGGGTGTGCC  GAGAAAGACA  TCCCATTTAG  AACTGAGCAC  CCAGCCCTCT
93751  ATTACCGACA  CTTGGACCAG  CTATGCATTC  GCACACCAAC  TGATGCCTAC
93801  TGCAAAATGA  AGCTTCTCCG  ACCACAGTTG  AGAACAGCTC  AGGTCTATGG
93851  GTAAAAGTGA  AATATTTAGG  AAGCAGTTTG  ACAACACGAC  CATAGCAAAC
93901  TAACAATAGC  AGGTTCTGTC  CCGTTTGAAA  TGCCAAGATT  TGAAATAAAG
93951  TAAGAGCCGT  TTGTTTTTGC  TTTGCTGCCG  TCTTTTTGTG  TGATGGAAAC
94001  ATTAATTTCT  CACGAGGCCC  CCAAGCTCCT  GGTCCCAGA  TTTCACTTCT
94051  CTCAGCTGGA  TGGGTTATAG  CAGTTACAGC  TGTGTGGATA  CATTCATTAC
94101  CTACATACAA  TTACAGCTGG  TTGGTGTGGG  GGCTTTATAC  TTATCCACCT
94151  CTTTGATAGA  GCCTTAATTT  TTCTCACTGA  CTTCAAAATA  AAGGAAGCTG
94201  TTTGGAGGAG  TGTATAGATA  GCACATATTT  TCCCATTGCT  TCGGGCTTCA
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38

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94251   ACATGGCTCC   ACAATGGCGT   TCAAGACCCT   CGTGGTGGGG   ATGTAGCTCC
94301   CAGTTAGAAC   ACTTATCTAA   GCATGTGCAA   AGACCTGAGT   TTGATCATCT
94351   GCACCAGAAA   AGTCAAGTAG   AACAAAAAGC   AAATCTCCAG   AAAACTCATG
94401   GTTCATTCTA   GCTGATCTGT   GATTCATCCG   GGTTCGAATA   CCAGGGCTGC
94451   ATCTTACTCT   CTGAGTACCC   CTGCTCTCTG   ATACCAGGGC   TGAGTCTTAC
94501   TTTGCCTCTG   TCTCCCTTCC   ATTTTTGTTG   AACTTCCCAG   CCAGCTCCCT
94551   CTTCTACTTT   CCTGTCTTCT   GCTGAGTGTA   TGAGACTTGC   TGAGTTTAAC
94601   CAGGGGTGCT   CACAGGCTCC   TTCCCAGCAG   CCACAGAACT   AAAATGCCCA
94651   ACCCTTCCCT   CTCCAGAGCA   ACCTGAACCT   GCAATTCAGG   GAGGGACAAA
94701   GCCTCGTGAG   TACTCCCCCA   CCACAACATT   TTGTTGTTTA   TAACTATCCA
94751   GACTGAGGAG   TTTGGTATCA   GCAGCAGGAT   GACACGAGGC   ATCCAGGTGG
94801   AACAGATTGG   TGATGTCCTA   TGGATGTCCA   TACCTGAGGT   GTGTGCTAGC
94851   TAACTTTATA   TCAACCTGAC   ATAAGGGTAA   AGCCACGAGA   GAGGAAGGAG
94901   CCTCAGTTGA   GAAAATGCCT   CCATAAGATG   GGTTGTAGGC   GATTCTGTAA
94951   TAGAGCATTG   TAGCTGAACG   AAATAATTAA   TTTAAACTTA   TCCCTGTCTA
95001   GCTTACAAAT   GAATGAGACT   CAGACTGTGG   TTATTTTATT   TGGCTTTGAC
95051   CATTACTGGG   GAGTAACCCC   TAATCTACAA   TCTACTTTTC   TAACTGTTGT
95101   GCTGACTACC   TCCCCAGCAG   TGTACCCCAG   GTACTTGCTG   GTTCTCCTGG
95151   CCCTGTGCTC   ATGGTCCATC   TCCACTCATG   GCAGCTCCCC   TCCCCTCTCT
95201   GCAATCCCTT   ACCAGGTAAC   TCCAAACCCT   GTCTACCTCT   AATCCCTCCA
95251   GTAATTGGCT   GTAGCTGTTT   TTATTTAAAC   TGTCATTTTA   AATTAAGGAA
95301   CAAGATTTGT   ACAGCCACAG   TCATCTATTG   GATGGAACAA   AGGGCCCCCA
95351   ATGGAGGAGC   TAGAGAAAGC   ACCCAAGGAG   CTGAAGGGGT   CTGCAGCCCT
95401   ATAGGTGGAA   CAACAATATG   AACTCACCAG   TACCCCCAAA   GCTCGTGTCT
95451   CTAGCTGCAA   ATGTAGCAGA   AGATGGCCTA   GTCAGCCATC   ATTGGGAAGA
95501   GAGGTCCCTT   GGTTTTGCAA   ATTTTATATG   CCCCAGTACA   GGGGAACACC
95551   AGGGCCAAGA   AGCGGGAGTG   GGGAGGGTAT   AGGGGATTTT   TGGGATAGCA
95601   TTTGAAATGT   AAATGAAGAA   AATATCTAAT   AAAAAAATTT   AAATAAATAA
95651   ATAAATATTT   GTACAGCAAA   AGCCAGTGAA   AGTGAGAATT   CACTCTTAGG
95701   CAACTAGACC   TTCAGGTACA   GAACTCAGAA   TTATAATACA   AAACAGCAGA
95751   CCAAACAAGC   CTCAAGAGAA   CGTTTTCTTG   ATTAGTGATT   GAGGAAGGAG
95801   AGCCCAGCTC   ATAGTGGGTA   GGGCAAACCC   TAGGCTGGTA   GTTTTGGGTT
95851   CTATAAGAAA   GAATGCTGGG   CAAGCTAGTA   ACAACATCCC   TCCATGGCCT
95901   CTGTATTAGC   TCCTGCCTCC   AGGTTTCTGT   CCTTTTTGAG   TTCCTGTCCT
95951   GACTTCCTCC   ATTGCTGAAC   AGTGTGGTGG   TTTGAAAGAA   AATGGTCTCC
96001   TAGGCTCACA   GGAAGTGGCA   CTATTAGGAG   GTGTGGCCTT   TCTGGAGTAG
96051   GTTTGGCTTT   GTCGAAGGAA   GTGTATCATT   GTGGGTGGGT   TTTGAGGTCT
96101   CAGATACTCA   AGCCAGGCCA   GTGGCTAATA   GTCTCTTCCT   GATGCCTATG
96151   GATCAAGATG   TATAATTTGC   TGTTGCCCCA   GCACCATGTC   TGCTTGCATC
96201   TGCCATGCTT   CCCAACATGA   CAACGGACTA   AACCTCTGAG   CTGTAAGCAA
96251   AGCACAATGA   AATGTTTTCC   TTTATAAGAG   TTTCTGTGGT   CGGGTGTCTC
96301   TTCATAGCAA   TACAAACCTT   AAGACTAACA   GTGATATGGA   AGTGTAAGCC
96351   AAATAAACTC   TTTTCTCCCC   CTACTTGCTT   TGATCATGGT   GTTTCCTAAC
96401   AGCAATAGCA   ACCCTAACTA   AGACAGGTTC   CATTTCTGAA   GGTCAAGGGA
96451   TATTCAACTG   TCAGCTCCAG   AGTTTCTCAT   CACATTGTGA   AGCTGGCATT
96501   ATAGTCCCCA   TTTTACAAAC   AACAAAACTA   AGACTCAGGA   TGGATTAGTA
96551   ATTTCCTTGA   AGTGTTTCTA   AGAAGAGTTT   CAAACCCAGG   TCTGACACCA
96601   CACAGTTCCT   CACTCCCCTC   CCCACTCCCC   ATTGTTAACT   CACAAAGGAG
96651   GTAGTTTTTG   GATGAATCTC   TTCCCAGTTT   GGAGGTGAAC   GAGTTCCCCA
96701   GGGAGACAGG   CTTCAGGCCA   GTTCTAAGCA   GATCTACAGT   GGATACAGCA
96751   GGGTCCCTGG   GTGAGGTTAG   GGTGGGGTAG   GATTTCTTGG   CAGATCTTCT
96801   TACAAGTAAC   TTTAGAAATT   AAAAACCAAG   AAAATGTCAA   GATGTTATTT
96851   TTGCTTTGCA   GAGTGTGTTA   TTCCAGCATT   TTTTTTGTAC   AATCAAATAT
96901   ACAAACACAA   GCCACCTAAT   TGTCTATTAA   AAATATTTCC   TTGTAGAGGA
96951   ATTTTAATCC   AGCAACATGA   CTGCTCTGGC   AAGGGATCAC   ATCCAGAGAC
97001   CTTCTAGGTC   TTAGAACACA   CCTTTAATCA   CAAACAATAA   AGGCAAAGTT
97051   AGTTTGTTGA   AGAAAGCCAT   GTTTGAGAGT   GACATCTAAC   TGAGGGTCAG
97101   ACAATGTGAC   CCTCAGAGAA   AGAGTTGACA   GAATGAGTCA   GAGATAGATA
97151   TGCCCAACTC   TCATGAGAAC   AGCACAAGAA   AGAGAGACTA   CTTAAGGCAT
97201   CACAGAGTGA   GTTCAGTTTG   TGAAGGGAAG   GAGCCATCTT   TCCAGTAGAT
97251   CAATTCAGTA   AGAAGCCGAG   AGAAGCCAGT   TTGGATCAGT   CAGCTTGGAG
97301   AGAAGTTTGA   GCCAGAAAAA   CTGAGCTGAA   TGAGCCAGCC   AGAGTTCAGA
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39

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 97351   AAGAGCAAGA  AATAGTGAGT  TTAATCAGCA  ATCTCCGAAG  CTGAACTATT
 97401   CTAGGCCTAG  ATTAGTATCC  CGAGCTTTTG  TTCCCACCGG  AAAGAACATG
 97451   CTCAGGACAA  CCGGAATCTT  CTGCGGCAAA  AGCTTTATTG  TTTACTTCTT
 97501   CAGGGGCCAG  AGAGAGAATG  GCAAAACCCC  GTCCCTTTTA  AGGAGAATTA
 97551   TCCTCCGTCT  AGGACGTGTC  GCTCCCTGAT  TGGCTGCAGC  CCATTGGCCG
 97601   AGTTGTCTTC  ACGGGGAAGG  CAGAGCACAT  GGAGTGGAGA  ACTACCCCAG
 97651   CACATGCGCA  GATTATTTGT  TTACTACTTA  GAACACAGGA  TGTCAGCGCC
 97701   ATCTTGTACC  AGCGAATGTG  AGGGCGGCTC  CCCACAGGTT  AGCAGATGGA
 97751   GCCTTCAAGG  TCTCAGCTGG  CAGAAGATTA  GGTTGTATGG  AGGCTAGAAG
 97801   CTTCCAGGCC  TAGGGATAGT  TAGTACAGAG  AAGGAAAGGC  TCTGGGCTCA
 97851   GCCCAAATTG  TGTATTCACA  CAGCTTGTAT  ATTGCTCTCA  TCTCACCACT
 97901   CCATCTGAGG  AAATAAAAGT  GATGTTTGCA  TTTAGAGTCC  TATTTTATTA
 97951   CTGTGTGATT  GTTAACTGCC  CAAAGAGTCC  TAATTTATTA  TGATCCTGTT
 98001   ATGTACAATT  TTACTTGTTT  TGTAGTACAC  CAAAGGCAGC  ATTGCTGAGT
 98051   AAATACAGAA  GTAAACACAT  CATAATGGTT  TATTCAATTT  GTTCCAAAGA
 98101   CTTATACTAT  TTGTGTGTGT  GTGTGTAAGT  TTGGAATTTG  CCTTGATATG
 98151   GCATTTATAG  CGATTATTTG  AAGGCCTAGG  TAAGACAGTT  GCTCCATCTT
 98201   CCTTTAAAAC  CATCCCTCTG  CTCAGAGAAC  TGCTTAGTTT  GGTCATCAAC
 98251   TAGTTACAGT  TTCAACTCAA  TGCCTGGTCA  GGGACGCTGG  CTTTTCCACA
 98301   CAGTCCTGGG  GGATGCTACT  CCTTGAATCT  ATGATATGCT  GGAGATGCTG
 98351   TGAGAACCTG  GGGTAATGCC  TGCCTGGTGG  GGCTGTGATA  CCAATGAACG
 98401   TGAGTGGCTC  AAGTCCTGAG  CATGTGTCTG  GTATGTGCTC  ATGGGTAGTC
 98451   GGTCAATCAA  GACCTGCCCA  TCTTAAGTGA  AGCAGAGCCC  GTTCCCTATG
 98501   TGAAACCCAA  CCCTTCCCTC  CAGGCTCCAT  ATTGGTTTCT  ATTTGTTTTC
 98551   CAGCCCCATT  TACCTCTTCT  TTGGAACACC  AATCACATTT  CTGTTTATTT
 98601   TATATCAATT  TCCCTCCTCT  ACCTGAGTGC  ATGTCAGTAG  CTGATCAGAC
 98651   CTACCCTCAC  ATTAAGTGCT  TGCTTTTGCC  TCAGTTGCTG  CAGTGTAGCC
 98701   TTAGGCTGCC  TGCCTGCCTC  CAGTGCTGAA  GAGAGCTGCC  TTGCTCAGTA
 98751   CCACAGTTCT  TTCAATGGCT  GAATCATGGC  TCTGAAAGAC  CAGCCATCAT
 98801   ACATCATATA  TGTCTATAGA  CACATATACA  TGCATACATA  TATGTATGCT
 98851   TGTTTGTTTT  TGGACAGATT  CTCACATCAT  AACCTTGACT  GTCCTGGAAC
 98901   ATGCTATGCA  AACAAGGCTG  GTCATGAACT  CACAGACAAC  CACCTGCCTC
 98951   TGACTCCCAG  GTGCACCACC  ACACCCAGCC  TAAGTGTTCT  TTATGATTAT
 99001   TTCATATTCT  GCACTGCCCT  GTGCTCAATC  TTGCTTCCTT  CTCTTTCTTC
 99051   TATGGAGGTA  ACCCTAGGAC  TATTCCCTAA  GAGTATTCCC  TAGGAGTATT
 99101   CCCTGATGCA  GTGTTTGCAC  TGGCTTTCTG  GGAACCAGCA  TGTGCCACCA
 99151   TGCCCTTGGA  CATGACTGTG  TTTGGCCGTT  GTGCACGTTG  TCCAGGGTCT
 99201   CTCAGAGTCG  CTGGCAGTGG  GTGAGAATTG  AGCTGATGAA  TCAAGAGCAG
 99251   CTGAACCTTG  GGGAATTTCT  GCTTCTGTCC  TGACCCACCT  CCTTCTGCAC
 99301   AGGAACTCTC  TGAGCTTCTA  TCCTGGAGTC  TTAGGGTTTC  CACTGCTGTG
 99351   AAGAGATTCC  ATGACCAAGG  CAACTCTTAT  GAAGGACAAC  ATTTAATTGG
 99401   GGCTGGCTTA  CAGGGTCAGT  CCATTGTCAT  GGCGGCAGGA  AGCATGGCAG
 99451   CATCCGGGGA  GGCATGGCAC  CTTAAGGAGC  TGTGAGTTCT  GCATCTTGAT
 99501   AGGACTGCAG  CCAGGAGAGA  CTCTTCTGCA  GATAGCCAGG  AGGAGGGTCT
 99551   CTTCCACACT  GCACGGAGCT  TCAAAGCCCA  CCTGCACAGT  GATACACTTC
 99601   CCCAAAGAAG  GCCACACCTC  CTCTAACAAG  GCCACACCTC  CTCTAACAAG
 99651   GCCACACCTC  CTCTAACAAG  GCCACACCTC  CTCTAACAAG  GCCACACCTC
 99701   CTCTAACAAG  GCCACACCTC  CTCTAACAAG  GCCACACCTC  CTCTAACAAG
 99751   ACCACACATC  CTAAAAGTGC  CACATTCCAT  GGGGCAAGCA  TATTCAAACC
 99801   ACCACACCGG  GAATTTATTT  CCTCCTCTTC  ACTCATGTCC  ACATTCACTT
 99851   TCTCAGTCCC  CTTTCCTCCG  TCCTTGTCCC  CCTTCCCTCC  CATCTTCCTC
 99901   CTCCTCCTGC  TCCTCCTGCT  CTTCCCTTTC  CTCCCTTTTT  GTGGCTCTGA
 99951   TCCTGGCAGC  TGAGGAGAAA  GTCTGATAAA  ACTGGCTGAG  TTGGGAACAG
100001   CTCAGTGAGC  TGAGGTGTCC  TTAACCCCAG  CATCTTCCCT  TTGAAGCTGG
100051   TGTGGACCTT  TTAAAAACCG  TGCTGCTCTG  AGGAAATCAA  TATCCCAAGG
100101   TGCTGCTTGC  TAATTGCATG  GTGGCCTCAG  AGGGTGTTTT  CTCATTCTGA
100151   ATGAGAAGAA  AGAACCCTTT  AAAGCAACAA  CTCTCCTGTA  TAAACAGAGG
100201   GAAGAGAGAA  CCCTCATTTT  AAATCCTTGT  GAAAAATGGC  CTCTTTGTTG
100251   TTAAATTTTC  ATCCTCAGAA  CTGCCATCCT  GCTGCCAGCC  TAGCGTTGAG
100301   GGTCTTTTTC  AAAAAGCTCC  TTCTACCTGT  TTCAGAGAAA  GCACCAGGCT
100351   CAATTCGGAA  TTCCAGAAGA  ATTTGAGACC  TGGACCTGAG  TGCCTGTGAG
100401   GCTGTGTAGT  ATCTCCAGAC  TCATCTGCCC  GGCAGGCACC  GCTAATCATC
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40

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100451   CCATGCAGTC   TATATGGCAC   TCCATGCATG   TGAGCACACT   TTGAATACTT
100501   CAAAGAATGC   TGAAAAGAAA   TTGTCACTCG   ATCCTCAGTT   AAACAGGGCT
100551   TGAAAGATAA   GGTTGATATA   AAACAAATAA   AAAGTAAGAA   GGAAATAGAC
100601   TTCAAGGCCA   ATATAAAGTT   TTAGAAAGTA   TTATTTTTCA   TTTTGGATGT
100651   TTGGCCATTG   TCTGTAGCAT   GTTGTTTTTT   CTCTAGAAAG   CGCTAGTAGA
100701   CCCCACCTAG   ATTCCTTTGG   ATCCACAGAT   AACAACAACA   ACAACAACAA
100751   CAACAACAAC   AACAACAACA   ACACACACAC   ACACACACAT   GTGCCAGTTA
100801   ATCTTAAAAT   GCCTGTGCTA   ACCCAATGAC   TGGGCACTCC   TAAACCTTCC
100851   CTGCTACCTC   AGGCATAATC   GGATAGAGTG   GCCATTAGCC   ACTCCAACCA
100901   AAAACTCACA   TGGCCCACTG   GCATCATCTC   CTTTTCTTCC   CCAGTTTAAC
100951   TGATTCTCTC   TGCACCCCCC   TGAGCAACTC   TAAGTGTCCC   GCCCAGTGCC
101001   CAGTAATTGG   TCGCTGTTAT   CTTTATTGAT   TGATCAAGAA   CCAATTGGGG
101051   AGCAGGACCT   TAGCATGAGC   CCCAGTGGTC   CCTGGTAGCT   ACACAACTAA
101101   GAATAAAAAG   TCCTTGTCAT   GGCTTCTGTG   TAAAACAGCC   TATCCTTTTC
101151   ATTCATTCAC   TGATACAAGG   CAGACCTGGG   GAGACGCCTG   CTCTGTGAAC
101201   CACAGCCTTG   AGATGCTGTG   GAAGCTGGTT   CTTCTTCTGC   TACTCTTTAG
101251   TCTGAGGCAT   CCATGGCTCA   CATGCATCCC   TATTTTCTCC   AAACAAGTGA
101301   TGCTCTGAGA   ATGGACACTA   TTGGGGAAAG   TCTTTCATTC   ACTCATCTGA
101351   ACATAGAGAA   AGCAACATGT   TCTCAGCACA   GGGCAGTTTT   CCACAGCAAA
101401   TTGGCCTTTC   TCTTTTCTGT   AGAAGGCAGA   TGGGTGAGGG   GCCAAAGAG
101451   GCTCCAAATG   GCTGCCTTTT   TAATGAGAAT   AGATTATAAA   ATCCTTATAA
101501   TAGTTAGGGT   ATGCCAAAGT   CTTAGAATTG   CTTTATGATC   AGATGTGAGC
101551   ACTCAAGAAT   ATAACCAACC   TCTCATTAGA   GATGCATGGA   TCGTGGTAAA
101601   GAGTTTTGGA   ACAGGAATGA   GCTTTTCAAA   AGCTTTAAGG   CTCAGGTATA
101651   GCCATTTTCT   CTCAGGATAA   GCTTTATATC   CTGTGTGAAA   CAGTGAGCTG
101701   TGACATGTGC   TAACACATGT   GCGAGTGCAC   ACATACACAC   ACACACACAC
101751   ACATACACAC   ACACACACAC   ACACACACAC   ACACACACAC   AACCAACATC
101801   ACAAAAACAA   GGAGACAGAT   ACTGTGTCTG   ACATGATGTC   TGACATGATG
101851   CTTCTACCAT   GAAGATGGTA   AGACCATAAG   CTTGACACTT   TGTGTGTGCA
101901   TCTCTCTGTG   TGTCTCTGTG   TGTCTGTGAC   ATACCTGCAT   GTTGACACTG
101951   GATGTCTCCT   TTGACTGCCC   TCCGCTTTAT   TTACTTGGGG   CAAGGTCTCT
102001   CTCACTGAAC   CTTGAGCGCA   CTGATTCTGG   TTAGTCTATC   TAACCTTCCT
102051   GCATAGTGGA   TCCCCTGTCT   CCCCCCAGAA   GCTTGGATTA   CACTCGAGGT
102101   AAAATGCCCA   CTTGGGTTTT   ATACGGGTGC   TAGGGATCAG   AACTCAGTCT
102151   TCAAGGTTAC   AGGACAGCAC   TTTATCTACT   GAGGCCATCT   CCCTATGCCT
102201   AACTCTAGTC   TTAGTTTTTT   TCTGACCCTC   TGTACTTCCA   ATTGATGCTT
102251   TTTAAAATGT   GAAATGATGT   TATTATCCCA   CTCAAAACTC   TTCCATGGCT
102301   CCTGCATAAA   ACGAAGCTGA   CATGGTTGCT   TAAATAGTCA   GCTTGACACA
102351   TCTCTTGGGA   GAGCCTCCAT   GAGGGGTAGT   TTAGACCAGT   TTGGTCCATG
102401   GGTATGTCTG   TGGAGGGTCA   TCTTGATTTC   CTTAACTGAT   GCAGTGTTGG
102451   GCCCTATTTG   GCCTTGGTTT   GGGCCTTGAG   GACAAACTTG   AGCCTGGCTC
102501   GATTTTCAAG   ACCTGTCATT   CGCTTGAGAA   TGACTCAGCA   TGACCTACCG
102551   ACCTGACTGA   GCCTGCCTCT   GCCTATTTAC   CGCTGATGTA   TCAATTTCTT
102601   ACAGGCCCCG   TGAGATCACC   CCACACCCCT   CGTCATCTCA   CACCACCCAA
102651   TACGTCATCT   CACCCCACAC   CCCTACCCCC   ACCTCCTTGT   CTTCTCTATA
102701   TAAGCGAGTG   CCTAGTTTAA   TAAAATAAGT   TCCCGCTTTG   ACACGGGCCT
102751   TTGACACGCA   GCATCCCACT   CAACCCCAGA   GGGACTGGGC   TGGACCGGGT
102801   TCTCTCCTCT   CCCCTGGACC   TGCTGGCAGA   GAACCAACAA   CATAGGAGCC
102851   TGAAAATAGG   TAGCAACATT   CCTTGAATTG   GGGTCCCAGA   CTCTATAAGA
102901   GAAAGCTGAC   TGAGCACCAA   GCTTACCATG   TTCATTTCTC   ATGTGTTGTA
102951   ACGAGCTGCT   TCAAGGTCCT   GCTGCCATCA   CCAGCATTGT   AAAGTAAAAT
103001   CAACCTCTCT   CCCCTAAGTT   GATCTTCATC   AGGATATTTG   TGTGTGTTTG
103051   CATGTATATA   TGTATAATGT   ATATGTGTAT   ATATGTATAC   ATGTATATAT
103101   GCATACATAT   ATATTTTAAC   CACAGCAACA   GAAATGAACA   TAGGACAGCA
103151   GCCTCCTTGT   TTGGCCATGA   ACTGAGTCAG   CCCGGGTATT   TTGGGTTGTG
103201   CCAATTTCAC   TCCTAGAATA   AACATATGAA   TTTGACTCGC   ATGATCAGGC
103251   ATAGTTTGAT   TCCAGAGCAC   TGGGAAAGAC   AAGCTCATAA   CTACCATGAG
103301   GGTTGCTGAG   AGGTCTTACA   CGCATTCACG   ACCGGCCAGG   AAGAACACAG
103351   CAAACCAGAA   TCTTCTGCGG   CAAAACTTTA   TTGCTTACAT   CTTCAGGAGC
103401   AAGAGTGCAA   GAGCATTATT   GCTTACATCT   TTAGGAGCCA   GAGCGCAAGA
103451   GAGCAAGAGA   GCAAGAGCTC   TATTGCTTAC   ATCTTTAGGA   GCCAGAGCGC
103501   AAGAGAGCAA   GAGAGAGAAT   GGCAAAACCC   CGACCCTTTT   AAGGAGAATT
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41

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103551   ATCCTCCGCC   TAGGACGTAT   TACTCCCTGA   TTGGCTGCAG   CCCATCGGCC
103601   GAGTTGTCGT   CACGGGGAAG   GCAGAGCACA   TGGGGTGGAG   AACTACCCTT
103651   GGCACATGCG   CAGATTATTT   GTTTACCACT   TAGAACACAG   GATGTCAGCG
103701   CCATCTTGTA   ACGGCGAATG   TGAGGGCGGC   TCCCCACAGA   GAGGCAGGAT
103751   GCAAACTCAG   GCCTCACCAC   CACCTTGTCA   CCCCAAGTGA   TGACAAGCAA
103801   AGCTATACTA   AAGAAGGGTA   AGCAGTCACT   CTCAGTGACA   TCATACAGTC
103851   ATGGCTGACC   CCTGATTCCT   ACAAGAACTC   ATTCATCACT   AGGTGGACTT
103901   AGTCAGGGCA   TTCTAGAACA   AGACCAATAG   AGTGAATATA   TGTTACAAAG
103951   GGAATTTATT   AGGGTGAGCT   ACATGGTATG   GTATCCGTTG   TCTAACAATG
104001   GTTCTCTGTA   CTCTGGAATA   GCTAAGAACC   TCACAGATGC   TCTGTCTATG
104051   AGACTGGATG   CCTCCGTAGT   TGCAATCTGG   TCCTGAAGGC   TGGAAGATTC
104101   CTGGAGGGCT   GCTGGCCTTC   GTTCTGTGTT   AGAAGTCTGA   AGAACCCGGA
104151   GTTGGATGTC   AGCGAATGGC   AGCTGAAGTG   GCAGATAGCT   CAAGTGACAT
104201   AGCAGATGCA   GTCACCAGTT   AGAAGTGAAG   GCGGGTCCTC   AAAAGCAGCC
104251   CCACTTCCCC   CTGGGATTTC   TTTATGGCGC   TGCCACTCAA   AAGTGGGAGA
104301   GTCTGTCCCT   AACAGTTAAA   CCTAGAAAAT   ATCCTGTCAG   ATGGGCCTAG
104351   AGACATGTCT   CTTAGTTGAC   TCCATATCCA   ATTAAGGTGC   CAATCAAGCT
104401   TAACCATCAC   ATTGCATTTT   CTGGATGCAT   TCCCAAACTA   AGTGTCTGCC
104451   ACCTTCGACT   GACTGACTGT   AAGAGTTAGC   TTGAAAGCCA   GCCTCTTTCC
104501   TCACAGTTGC   CCACCGAAGC   CTTCTGGAGA   GTCCTCTGAT   TAGCCCAATG
104551   CCATACTTTG   TCCCCTAACA   GAACATAGAA   CTGGAATGAT   GGGTAAGGAT
104601   GTGTGTATGT   TCTGGGGACC   AGCTTTGAGG   TCTCAAGGAG   AGGAGTAGGG
104651   TGAAGGGTTA   GAGTTGATGT   GAAGAAGATG   ACATTATCCA   GAGCAAAATT
104701   TTCCTGCTTC   CTGTGTGACC   CTAGCTGCCT   AATGAGTATT   GGTGTAGTAC
104751   GTCTGTATGT   GTGTGTGTAT   GTGTGTGTCT   TTGAGAGAGT   GTATGTGCAT
104801   GTATGTGTGT   GTATATATAT   GTATGTATGT   ATGTATCTGT   AAGAGAGTAT
104851   GTGAGCATGT   ATGTGTACGT   ATGTGTGTAT   GCAGGTATGT   GTGTGTGTGT
104901   GTTTGTGACT   GTGTGTATGT   GAGTGCTTGT   ATGTATATAT   GAGTATATGC
104951   TCATATATGT   GCGTATGCGA   GTGTGTTTGT   GTGTGTGTGC   CTGTAGGTGT
105001   ATGTATGTGT   GTATATATGT   GTGTGTGAAT   ATATGTATAT   ATGAGTGTGT
105051   TTGTGTGTAT   GTGTGTATGT   ATATGTGTAT   GAGTGAGTGA   TAGTGTGATG
105101   TATGTGTGTT   TATGTGTGTA   TATGTGTGAC   TATATGTGTG   TGCAAGAGAC
105151   TGTGTATGTA   TATGTATATA   TGTGAGTGTG   TGTATGTGTG   TTATGTGTGT
105201   GTATGTATGT   GTGTGAGTGT   GTAATGTATG   TGTGTATATG   TAAGTATGTA
105251   TATGTATGTG   ACTATGTATG   TACATATGTG   TGTATGTATG   TGAGTATGAT
105301   TGTGTGTATG   TATGTGTGTG   TATGTATGTG   AATGTGGTTG   TGTGTGTGTG
105351   TGTGTGTGGT   ATATGTGTGA   GTGTGTATAT   GTATATGTGT   GTGAGTGTGC
105401   GTATATATGT   GTGTGTGGTT   GTATATGTAT   TTGTGTATAT   GTGTATTGTG
105451   CGTATGTGTG   TATGTGTGTG   TATGTGTGTT   TGGAGGTATG   TGTATGCAAC
105501   TAGAAGCTGG   AGATTTTTGG   TTTTGTTTTT   TCTAGATTAA   CAACACATTT
105551   TTGCCTGCAT   GGGGGAAAAT   GTTGTAAGGC   AGATTAGAAC   AAAACAAGCC
105601   AAAAGCAGAG   CTAACGTTGC   CTTCTTGACA   CCTTATGACT   CACCTAAGGC
105651   ATGCTGATCA   ACCGCAGGCA   TCAGTAAACC   CTGATGAAAG   GGGCCAGGGC
105701   CAGTTCTGGG   GATCTGGGCA   GGCAGTGCCA   TCAGCATGGC   TTGCTCATGC
105751   TTTGAGTATG   ACTGCCTTAC   AACTTCAGTT   CTCCATTGCG   ATACTCAGAA
105801   AACATGAAAT   GAAACTGAGG   GGCTTTCCCT   GCTGGCAATC   CCATTCTGAG
105851   GACTCATGAA   GACAGGGATT   TTATAGTCCT   GCTGGAGCCT   GGGGTCCTCC
105901   TTCCTCCATA   TGCCTGGAAA   GCTCAGAATC   AAGCAAGACC   AAACTATGGT
105951   GGTGGAAGTC   AGGAGACTGG   CTAACTTTGT   GGGTGTAATA   GGGACTTGGG
106001   GAGGGTAAGA   GAGGGCTCAC   GAATTCTTGG   TAATGCTGAA   TTCTCCAATG
106051   CTGTGCAGGT   TACATAGAAG   TGCTTAGTTT   GAGAGGACCG   GTTGAGTTGC
106101   ATATCTGTGA   GTGGCTTACT   TGCTCTAGGT   GTGGCTCAAT   AAAAACATCA
106151   CATTATGTTA   AATGCTGTTA   TTGTAGGCAA   CCATTTGTTC   CTGTGGTGGT
106201   CTTAGAAACA   AAATGAAGCG   AAGTTATATT   TAAGAAAATA   ACGATTGAAA
106251   TGAATATATA   AAAGTTTAAA   CATATAGTAG   TGTGTTCACA   ACTCTCCAGG
106301   AGTTTCAAAC   ACTGGTTAAA   AAAACAAAAA   CAAACCTAAA   GTGGGAAGTA
106351   GGGGCCGAAG   AGACGGCTCA   GTGGTCCAGA   GCACTTCCTG   ATCTTTCAGA
106401   GGACCTGGGT   TCAAGTGCCA   GTACTCACGT   GGTGGCTCAC   AACCATTCTA
106451   TGAGTCCAGT   TCCAATCACC   TCACTAGGCA   TACACATGGT   GCACAGACGT
106501   GTGCAAGCAA   GAGGGCCGGG   GAGGGGAAGA   CACCCGCCCC   TGCCCTTCTG
106551   AAGTCCTGTG   CTAGCCCATG   GTGGTGATTT   GAATCTTTTT   TTTTTTTTTT
106601   TTTTGTTTGT   TTGTTTGTTT   GTTTGTTTTT   TCGAGACAGG   GTTTCTCTGT
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42

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106651   GTAGCCCTGG   CTGTCCTGGA   ACTCACTCTG   TAGATCAGGC   TGGCCTCGAA
106701   CTCAGAAATC   CGCCTGCCTC   TGCCTCCGGA   GTGCTCGGAT   TAAAGGCGAG
106751   CGCCACCACG   CCCGGCGATT   TGAATCTTAA   TGTTCCCCAT   TAGTTCACGG
106801   ATTCGAACAT   TTGGTGCCCC   AGTTGCTGAT   GCTGTTCAGG   AAGGTTATGG
106851   AAACTTTAGG   AGGTGGAGCC   TTGCTTGAAG   GAAGAGCGTC   GTCGTGGGTA
106901   GGCGGGGTGG   GGTTTTATGG   TGTGGTCCTA   CTTCCGGTTC   TGGGTATTTT
106951   GTTTACTGAA   TATAGATGAA   ATGGGATTGG   CCAGCCTCAT   GCTCCTGTCA
107001   CCATGCCTCC   TGCTCCAATA   AGTTGTGCCC   CCTCTAGAAC   AATAAGCTTT
107051   TCCTCGGAAT   TCTAAGTCAC   TTTTCGTCAG   GATATCCTAT   TACAGCATCA
107101   GAAACTTAAT   ACTCAATATA   AGGAAATTTT   GTCAACTCAC   ATCTCCCCCA
107151   TTTCACGGGT   ACTTGTGTAG   TTTAAATGCC   AGTAATCCCG   GTTTGAACTG
107201   TAGCAACGCC   CTCCACTCTG   CGCTATGTAT   AATCCATTGT   CAACTCAGCA
107251   AAAATTATAT   ATTTAAAACA   CAGAGGCTGG   GGGTGGTGGT   ACACACCTTT
107301   GATCCCAACA   CTTGGGAGGC   ACAGGCAGGC   TGGTCTCTGA   GTTAGAGGAT
107351   AGCCAGTTTG   AGGACAGTCA   GGGCTACACA   GAGAAACCCT   CTCTTGAAAA
107401   ACCAAAACCC   AAACAAGACC   GAGCAAACAA   AAACCTGGTT   CCAATTACTC
107451   CCCAACCTGA   AGCTCTTCAG   TTTTTTCCCT   AGCACTCCAA   GTTAAATTCC
107501   AAGATCTGTT   CCATAGGCCC   CTGCAGGCCA   CCATTCTTCA   ACCCCTACTG
107551   CCTCTCTGAC   CAGTTCCCAT   CACACTCTCT   TGGTCTCACT   GCTTTCCAAC
107601   CTGCATGGCC   CACACCCAGT   CTCTTCCTTT   TTTCCCATGC   GTTTGCGCAC
107651   ATGAACAATG   GGTCTCCCAG   ATCTCTGCAC   TGTCGGCTGC   GGTTTATCCT
107701   TTTGATACCC   AGCTCAAATG   TTAGTTCCTT   AAGTATCGTC   TCCCAGCCAT
107751   TATTGGTTCC   ATACTCTGAC   TTTATTTTTC   AATGTATGGG   GTGTGTATGT
107801   GTGTGTGTGT   GTGTGTGTGT   GTGTGTGTGT   GTGTGTGTGT   GTGTGAGAGA
107851   GAGAGAGAGA   GAGAGAGAGA   GAGAGAGAGA   ACACTTAATA   TGGAGAGCAC
107901   CAGGAAACAT   GGTTCTTGGC   TACCTTGTAT   GTGGTTGTAT   CAGAACCCCA
107951   AAAAGCAGCA   GACAGCATTC   TTAAAATACC   TTAACTGAAA   AAGGAAATTA
108001   ACAAAAGAAC   TGCATACAGG   CACGTAGGCA   GGCTTAGGCT   TAAGGGAACC
108051   GGTAAGGCAT   GGTGAGGAAT   AAAGCAGCCA   TATTACTCTG   CATTCCATTA
108101   CTATAATAAA   ATACCCGAGG   CTGGGTGAGA   TTATAAAGAA   AAGAAGTCCA
108151   AGGCTGAGAG   GCTGTTGATT   GCGTTGCTGA   GAGAGTCCAG   GGCCTCTGGG
108201   ATCATAAGAA   AAGATCCCAG   GCATAAGCAG   TCTTGTGGGA   CTAAGTTTTC
108251   TTAATATCTC   ACACTATCAC   AATAGGGATC   AAATTTCAGC   ACATGAACCC
108301   CCCCCCTGTG   TGTGTGTGTG   TGTGTGTGTG   TGTGTGTGAC   CCAAATCATA
108351   TTAAGTCATA   ACAAGACAAT   GTCTAGAGAT   GAGGAACTCT   GGAACTGGGG
108401   GAGAGGGGTT   GTGGCAGGGA   GCAAGTGCAG   AATGGCTAAC   TTGCCCATGA
108451   TTCACCCTCC   TGTCAGTGTT   TTCCTGACTG   AATGCAACTG   GAAGCCAGAG
108501   GATAAGGGTG   CAGGGGGAAT   GTGGCTCATA   AATGCCAATC   TTCTCCAGCA
108551   TCCTGGGGCA   CAGCAGAGCA   GGAAAGAACA   ACCAATGGAC   TGGATGGAGG
108601   CAAGCCAGCA   GAACCAGCCA   GTTCCTGCTT   CAGCATATGC   CAAAGAGAAG
108651   GTGATAACTA   AGTGAGAAGA   CAAAGAAAGC   TGAAGCAAAA   GCAGATATAC
108701   CAATAGGTGT   TTCACAAGCC   CCGAGGTGGT   GGCGCACACC   TTTAGTCTGG
108751   GCACTCAGGA   CGTAGAGGCA   GGCGGCTCTC   TGAGTTCGAG   GACAGCCTGA
108801   TCTACAGAGT   TCCAGGACAG   TCAGGGCTAC   ACAGAGAAAC   CCTGTCTCAA
108851   AAACAACAAC   AACAACAACA   AACAAACAAA   AAAAGTTTCA   CAAGCCTCAG
108901   TAAGGTGAAC   GAAAGTACCC   TCTACAAACC   TGCAGTCAGA   TGTGTGGCTC
108951   ACAACCGTAA   CTTCAGTGCT   CAGGATAATA   AGACAGGAGG   CGTGCCATGA
109001   ACGTGAAACT   AGCCTGGTCT   ACAGTGCATT   TTAGACCTGC   CTGGGCTACA
109051   GATGTGAGGC   TCTATCTCAA   AAACAACAAG   GGGAAAGCAA   TAATCTTTAA
109101   ACCTCACAGA   AATTTTACAA   GATATAACAT   CGACCCCGTG   TGTGTTTGGT
109151   TAAAGATCCT   GAGACCTTTG   AGAGTAACGG   ACCCCAGTAA   CGTGGAATTG
109201   TGGAGCCAAG   ACTACAAATG   AGGCCCCAGA   TTTTTTTCAT   TGGACCAAGC
109251   TAAACATGTT   TATATGAACA   AGTTAAACAT   AGACACACAC   ACACACACAC
109301   ACACACACAC   ACACACACAC   ACCCCGTAGC   CCCCCCTCCC   CCCGCTCTGG
109351   TCATTCCCGG   AAATGTCTGT   CTGCTTGCCG   AATCCCTGAG   CAGAGTCTGT
109401   TTCGGCCTCG   GTGGCTTTTA   GCCTACATAG   GGTCCACAGA   GGAAGGCAGC
109451   TTCCGCCGGC   TGAATATTAT   AGTGACAATC   TAACGCCATT   CATACTCCAA
109501   TCACCAACTG   TTGCTCTCCT   TCATCGCTAT   TGTGTAGGGT   GTCTAGATTT
109551   ATTTCTATTG   TTTGTAGTCA   TGCATCTCCC   GTGTGGGTAT   GTGTATGTGA
109601   ATGCAAATGC   TTACAGTGAT   CAGAGGTATT   GGATTCAACC   GGGAACTGGA
109651   GCTATAACCA   ACATAAGCCG   CCCAACGAGT   GTACAGGGAA   CCCACCTCAT
109701   GTCCTCTACA   AGAGCAGGAC   ACAGATTTAA   CCATGGAGAA   ATTTCTCTAA
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43

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109751   CTCTTAATTT  TAATTTTTTT  AAATTTTTTA  AATAAAAATT  GATATAATAT
109801   ATATTATATG  TTGAGCATAT  TCCCCTAAAG  CCCCTACCCC  CTCCTTTCCC
109851   GCCTCCTGTT  AGTTTCATTT  CTTCCCCAAG  ACAGTTTCAC  TTCTGCCTGT
109901   AGGTCAGATA  TTCATACATG  ATTTCATGTA  TCTATAAAAA  AAAAAAAAAA
109951   TCCAGGAACC  ACAAATGAAA  GAAAACATGT  TCTATTTTTT  TTTTCTTTCT
110001   GAAGCTGGCT  GAATTCGTTT  AATTGGATCG  TCTCCAGTCA  TATCTACTTC
110051   CACACGAGCA  GCGTAACTTC  ATGTTCCCGT  TGTGTAGATA  GACCACACTC
110101   TCTTTATTCA  TGCCTCTGTG  CTGACTTCGT  AATCAGCTAC  TGTAGACTAG
110151   AGCTGCCGAT  AACCACAGAC  GTGCAGGTAC  CTCTGTGATG  GTTTCCCAAG
110201   TCCCTCAGGG  AAACACCTAG  AAGTGGCTCA  TGCCCTAGTT  AGTTGTTTGA
110251   GAGACCTCGA  TACTGATTGC  CTCAGTGACT  GGACCAGTTT  ACCTTCCTAC
110301   CAGGGGTATA  GAAGAGCTCC  CTTTGTCCGA  ATGTGGCCAG  TGTTTGCTGT
110351   TTGTTTTCTT  GATGCCTGCC  ATTCTGACTG  GCTGGAGACA  GAACGCAGTG
110401   TATTTTAATT  TGCAGCCATC  TGTTTCTTTA  TAATGTAATT  ATTTAAGAGC
110451   ACCCCAGCTC  TTTAAGGCTT  TGGAGAATCT  GGGTTTTGTT  TGTCTCCTGT
110501   CACTTCGTCT  GAAGCACTTG  GGCAGGCACG  GGTCAGTACA  GTCAGTTATT
110551   TGGTGTCTTT  TAATGTTTAA  GAAAAACTCA  CTTAGACGGT  ACATTGTTAC
110601   ACATGCGCCA  CAAACTTGTA  CCCTTTTTTC  TCCCATTGAA  TATTGGACAA
110651   TGAGTATTTA  TTATCCAAGC  TATATAAATA  GCACTTTCAA  AACAATTAGC
110701   ATATATCAAT  TGTGTATAGT  CATGAGTTCA  TGTCTACAAT  GTACTTGGCT
110751   CATTTTCACC  CCATCAGAAC  TTTCTTTTTT  ATCTTTCCTT  TTCCCCCACC
110801   CTAGGTGTGC  TTATTCTTCC  CAAATAACAT  TTCTTTTACT  TTTATGCCTC
110851   AAGAAAGAAA  ACCAGACTCC  ATATGTGAGG  GAACGTGTGT  GATGATTGTG
110901   GTTCTGAGCC  TGGTCTACTT  CACATAATCT  GATGAGCTCC  AGTTTCATCC
110951   ATTATCCTGC  GAATGGTATT  TTGTTCTTTA  TGACTAAATA  ATCAGGTACT
111001   GGCAGCACAC  TTTCTGTATC  ACCCATTAAT  GGGAACCCAG  GCAGATTGCT
111051   TCACCTGGCT  GCTGTGAACA  CTGCCATGGC  ACATGTCATT  GGCTCTCTCA
111101   TAGTAACTCT  AGGGGTGTAA  GTTACTTCAA  GGGATTTTTC  TGTTGCTGGA
111151   CGTTTGACTA  TGCGGCATCC  TCATTCCATT  CAATATCTAC  TCAGTATCAA
111201   GGTTGTCAGG  AGCAACATTT  TGGAGGCGGA  TTTCTTTCGG  TGGAATTGCT
111251   TTGAGGAGAG  CTGCTGTCTT  CAGGGAATGC  CTAGAAAGGA  TGGTTACACT
111301   CCACAGCTGT  AATTACATCC  AATAGACTCA  GCTTGTGAAT  CTAATTTGTT
111351   TTGTAAGCTA  ATCCATCTTG  TTGTGGAAGA  GTTGAAAGTG  TCTTCTGGTA
111401   TACACCGGTG  GAAGAATACC  TTTATAAAAC  CCATTCGTCC  ATCTATCCCC
111451   ACCCCCACAA  CCATCCACCT  GCCCACCCAC  CCACAATCAC  CCTAGGACAC
111501   TAGGTGAGGG  GAAAGGGAAT  AGAAGAGAGA  TTAATAATGG  GTGAAAAAAA
111551   AGATCCAAGT  ACATTATAGA  CATGTTCTTA  TTACCATGTA  CAATTAGTAT
111601   ATGCTAATAA  TTTTGAAAAT  ACTGTTTATA  CAACTTGGAT  AATATAACTA
111651   CTCATGAGCT  AATATTAAAT  GGAGGCAGGG  GAAGGGTACA  AGTGTGTGTC
111701   ACACATGTGA  CAATGTATCT  TTTAAGAGTG  GCATTTCGCT  GGGCAGTGGT
111751   GGTGCAACGC  CTTTAATCTC  AGCACTTGG   GAGGCAGAGG  CAAGTGGATT
111801   TCTGAGTTCG  AGGCCAACCT  GGTCTACAGA  GTGAGTTCCA  GAGTTCCAGG
111851   ACAGCCAGAA  CTACTATACA  GAGAAACAAC  CAAAAAAAAA  AAGAGTGGCA
111901   TCTCTCTGGG  GCTGTGGTCT  TCTCCAAAGG  TGTACCATTT  CACCATCTTT
111951   AGTATAGCTT  TGTCTATTGG  TGAGCAAGAG  CTAAGTCCAG  ATGCCATTAT
112001   GACTGCTCAA  AGTCCCAGTC  AAGACCACAT  AAATTCCATC  ATTATGTTGA
112051   ACATTGTAGA  ATTTTTTGAG  GTATCAAATT  GAAATGTCAA  CTTCCATTGT
112101   ATTGAAACTA  CCAAACAGCC  CCTATTAGTG  TCAGAAAAAT  CCCCTTAAAA
112151   TGCCTTAAAG  CATAGAAAGG  GATGTGAGAA  GGATCTGTA   TTGGCTGAGC
112201   ATCCGTGCAC  ATCTGGCTGG  AAACCGAACC  ATTAGTCTTG  CAAGCACAAT
112251   GCTCTGGCTG  AGAGTGGTGA  AGTCTGTAGC  TGGTGCCCCT  GCTCTGCTTC
112301   AGAGTCCACT  CCACTTCTTC  TTACTATGTG  GCATAGCAAA  ACTCTCAGTT
112351   TCTCTTCCTT  ACTTTCATTA  TCAAATAAGG  TAAAAGTTTC  ATCTCCTTTA
112401   TAGCCTCAGA  GGCCTAATTA  CATTTGTATA  CGAAGACTCA  GTTCAAGGGT
112451   GTGTTAAACA  GAGTGAACAT  TTGCAGTATG  TCTTAGCGTT  TCTAGTGCTG
112501   TGGTAAAACC  TATGGTCAAA  AGCTGTTTGA  GGAGGGAAGG  GTTCATTTGG
112551   CTCACACTTC  CACATAATAG  TCCACCATTG  AAGAACATCA  GGACAGGGCA
112601   GGAACCTGGA  GGCAGAAGCT  AATGCAGAGG  GCATGCATGT  ATGGGTGCTG
112651   CTTACTGGCT  TGCTCTTGCA  AGACAGTTGA  TCATACTTCG  GAACCCTGAG
112701   ATTGTTTCGT  TTACTGGAAA  AACCTGTTTC  TAGTTGTGGT  GTGGCTCACC
112751   CTTAGCACAC  ATCTAAAATC  CCTTTGACTG  CAATACAGAC  AGGCCTTTAG
112801   TGCACACATT  TAATCCCAAA  CAATGAAGGT  AAAGTTAATT  TGTAGAAAGA
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44

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112851   AGCACCCATG  TTTGAAAGTG  ATGTCTAATT  GAGTGGCAGA  CAAAGTGATG
112901   AATCAGAGAA  AGATTTGACA  GAATTAGATA  TGCCCAACTC  TCACAAGTGG
112951   AGAGAGGAAA  GGGAAGCCAC  TTGAGGGGCA  GTGCAGGCAG  AGAGAGGAGG
113001   GTTTTTTTTT  TTTATTGAG   ATAGTTGTAC  TGAGACAGAC  GATTAGAACA
113051   TATTGCCAAG  GGTAGTTTGA  GGCCAAGCAG  AGCAAACAAG  TCAGAGGCCA
113101   AAAGAGAAGC  TAGATTGAAT  CTGTCAGCTT  GGAGAGGCAT  TTGAGCCAGA
113151   ACAGCTGAGT  TGAACCAACC  TGTAAGAGTT  CAGAAAGAAT  TAGAAAAGGT
113201   GAGTTTATTC  AGCAGCAAGT  CTCAGAGGCT  AGAAACAGTC  TAGTGCTAGA
113251   TTAGACTGTA  CAGAGGCTAG  AAGCTTCCAG  GACTAGGTCT  AGGTTAGCAG
113301   ACTGAGGCAG  TAAGCCTCCA  AGATGACAGG  CAAATAAAAG  ATACTTTAAC
113351   ACTCCCCATG  GCCTGCTCAG  CTTTACTTCT  TATAGAACCC  CAGGGTCATA
113401   AGCTTAGGGA  TGACAGCAGT  CATTATAGGC  TCCCCCCATC  AGCCATTAAT
113451   CAAGAAAAGG  CCTCACAGAG  TTGCCTACAG  GTCAATCTTC  TGGAAGCCTT
113501   TTTTCTTTTT  CCTCAGTTGA  GAGTCACTTT  TACTAAAGGA  CTCTAGCTTG
113551   TGTCAAGTTG  ACACAAAACA  CCAACCCAGC  ACTCTCCTTA  TCTTCAAAGC
113601   TTTTACCCTT  TCCCTGAAAC  AAGTCGATGA  AGCAGATCAG  GTGTTGAAAA
113651   ATGGCCAGTG  GATACGTTCA  TCTCAGCCTG  TAGATATTCC  TTCAGTTAGA
113701   ACCAATGCAT  GGAATCCTAA  AGTTGTATAT  AGAAGACCTA  GATTTCTGCT
113751   TTTTCTTGAA  AAACGAACAA  AAAAGGCAAA  AAACCCTCAT  GTGATAGCAA
113801   CAAGCTCCAG  CCATGAACAA  GGAGAGAGGC  AGGTGGATAG  GCTTCCAGGC
113851   TGACATGCAC  TTCTCAGCTC  TTGGGAACAC  ACTGGCTCCT  GCTACTTAGC
113901   TATTTGGGAC  TCATTCAGCT  TATAAGAAAG  AAGTTGTCCT  CTCTATTTTT
113951   AAACTAGACT  AAAAGCCATA  GAAAATGCAT  AATTTATTCA  AACCAACAAA
114001   GGCCAGTTTG  CCACATAGTA  ATCCTTTGAC  AAATGTCAGC  TCCCAGTTCT
114051   CTGTTTTATG  GGCAATTTAA  GGCATAATTT  CTTTTCCAAA  ATCACGTTGT
114101   GCTCTTTAGA  GAGGCTTGAA  AGTGCCATGG  GACCTCACAA  TTTATAGAGT
114151   TTGAAATTAA  TTTGAACCTG  CCATTCGTGT  TTGTGGGCAT  GAGTGCGTGT
114201   GTACCACAGG  ACCCACACGA  AGGTCAAAAG  GCAACTTTTG  GAGATTGTTC
114251   TCTCCTTCCA  CCATGTGGGT  CCCAGGATAG  AATCCAGTCA  CTAGGCTTGA
114301   GCTACAGCAA  ACGCTTTTAT  CTGCTGAGCT  GTTACACCTG  CCCTGATAGC
114351   TTTTTACAGT  GGCTGCAGGA  GCTCACAGAA  GATGCTGTTT  AGAGGGTGTA
114401   CGAAGATCCT  TTAGGTCCTC  ACTGTGGTCA  GATCACGTTT  CCCCAAATTC
114451   ATATGCTGGA  ACTTAATTGC  TAGTCTGACC  TTATCCAGAG  ATGGGGCCAC
114501   CAGCAGGTAT  CAAGTCAGCC  AAGAGAGTGG  GGCTCTCAGA  TGAGGGATGC
114551   AGGGAACTGA  TTCTCTTTTT  GTACCCCTGG  CAGGTCCGCC  ATGTGATGAG
114601   TAACGATTCA  GCAGGAAGAT  AAAGAACGGG  CCTTCATCTT  GACTTCCCAA
114651   CCTCCAGAAC  TTTGAAAAAT  TACTTTTTAT  TATAGATTAT  TCAGTCTCAG
114701   GTATTTAGTT  ATAACAGAAC  AAATACACCA  GGTCAGTATT  CTCAGACGAT
114751   ATTCTTGCCA  AACCACCCCG  GAGTGGTTCG  GAGGAAGCAG  ACCAGGGTGG
114801   AGGCTGCGGA  CACTGCAGAC  AGTGGCTGAA  AGGGGTTTGG  ACCCCCATCC
114851   CAAGACGTAC  AGCCAGCCCT  TCCTTCTCAG  CCTTTTGCCC  AACGCTGACA
114901   GGCACCGTGA  AGGGTACAGT  TTTTCCTGAT  GAGAAAGGAT  CAGTATGAGA
114951   ATTTTATAGA  AAGAAAAGGC  CAGCTGCTTG  GTATGCCGGG  CCACTCGCTT
115001   TGCTTTGCTT  CCGTTGGTGG  CTCCAGCATC  TGAGATTTCT  GCAATGATGA
115051   GAATAACAGA  AACAGAGGCA  CAACCATGAC  TTATGACTTA  TGAGTTCCAA
115101   AACTAGTGTT  CCAGTGATAA  TGCTGGGTGG  ACCACTGAAA  ACAGTAAGTA
115151   CCTGACTTCC  AGCAAATCAA  GCCTCAAGAA  GAGTTTGCTG  GTTTGCCTGT
115201   TGTCCTGACC  AACCTCTTTC  TGGGTTGCTT  TCGGGACAAG  CAGGTTGGAG
115251   CCCAGCCCTT  CACTATCCCC  TGAGGTCATC  TCTTTAAAAA  AAAAAAAAAA
115301   AAAAGCCTCC  CAGCTGCAAG  GGAAGGCCCT  GTTTCCCCCT  CCCCACTGC
115351   TGAGATCTTC  AGATCTCTTC  ATTATTGATG  TCTTTGCTCC  TGCGGGTCAT
115401   TTCCCAGCCT  GAATCATTCT  CTGATTATCT  GACCATCTCC  TGGGGGAGAC
115451   AAATAGTTTC  AAACATTCTC  AGTGACTCAT  GTAGCTTCAC  TAATTCTTCT
115501   GTATATTTTG  TTGTTGATGT  TTTACACTTA  CACACACACA  CACACACACA
115551   CACACACACA  CACACACACC  ACTGAGCAAG  TCCTAGACTA  CCAAATTTTC
115601   CCCTGTGCAT  GCCCTTATTT  GAATTTTAGT  TTCATTTTAT  ACAATAGAAA
115651   TGAGGGTCTA  ATTATTTCTT  CATTAACCGA  CCCCACCCCA  CTCCCCCAGA
115701   ACTTGAGTTT  TTCCTGATGA  GAAAGGATCA  GTATGAGAAT  TTTATAGAAA
115751   GAAAAAGGCC  AGCTGCTTGG  TATGACGGGC  CACTCACTTT  GCTTTGCTTC
115801   CGTTGGTGGC  TCCAGCATCT  GAGATTCTGC  AATGATGAGA  GTAGCAGAAA
115851   CAGAGGCACA  ACCATGACTT  ATGACTTAGA  GAGTTCCAAA  ACTAGTGTTC
115901   CAGTGATAAT  GCTGGGTGGG  CCACTGAAAA  CAGTAAGTAC  CTGACTTCCA
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45

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115951  GCATCTGCTA  AAGGCTCATC  TCTTGCCAAC  TTGAGCTCAT  TGCCCGGAGC
116001  CTGTCGCCTT  TTTGAATCCT  GTGGCAGCCA  TTTGGGTGAG  CAGGGGCTAA
116051  CTTGGGAAGT  TCTTAAGGCA  ATTATTTTGG  TCTCTGCTGT  TGGTTGGTAT
116101  GAGAACCCCA  GGCTGCCAGC  TTACCCAGCC  CTATCTCGCT  GGCTTTTTCC
116151  CCACCCCACT  GCACCCTCCT  AATAGACTGT  ACAGTCCAGG  AACACATCAT
116201  AATCATAGTT  GCCAAGTAAG  CCAGGATGCT  CTCACGTCAG  AGATTCTGAA
116251  CAGGCTGTTC  TCTCCCAGCC  TGTTCTTCTA  CCTCCTCTCC  CCGGAGAACT
116301  CCTACTTATC  CTTCATGGCC  CGACTCAAGC  ATTTTTTCCC  CCTGTATCCA
116351  AATAGCCTCA  GATCTTCTGA  CCCGCCCTGT  ACCTAATGTA  CAATTCAGTT
116401  ACACAACTCT  CTTGACCTCG  GGTCAGTGGA  GTGCTCTCCA  TTTGTAAGAA
116451  TTTATTTCGC  AATATTTATA  TATTTTTCAC  GATATGGCGT  GATGTGGTAA
116501  TAGAAAACGT  AGGATGCCTA  TGAAGAAACC  AACTCGGGGA  CTATGTGGAA
116551  TCGCAGCAGC  CTGTCACTGT  TGCCATTTTG  TTTCTGAGCT  GAGGTGAATG
116601  TTGCCACACA  CCTGTGCTGC  TAGCTGAATC  AGGAGTGTCT  GTCAAGTGTC
116651  CAAGTCTGCT  CTGAGTAACA  TAATAAATAG  TTGTTGTTTT  AAACTCTCCA
116701  TTGATATTCT  TCTATAGTTT  AAAATATCAG  CTGTATGTAT  GTACATGGTA
116751  TACAGCTTAC  ATATCATACA  ACCAACCATT  TATATAATAA  ATTTGGTGAT
116801  TTCTACTATA  GAGTTGTTTA  TACACACAGT  TAATTTGTAA  ACATTAATCT
116851  CTCATACCCT  TTGACAAGTT  CTCTAGGGGT  ATACTCTACT  TCTAGCCCAT
116901  CACCTATGTT  CTGCCTGTCT  AGACCTGCCT  ACTCTGAACA  TTTCATATAA
116951  GTGGAAGTAT  TCAACATCTA  GCCTTTTGTG  TTCCTCCTGC  CTTACACAGG
117001  TGGGTGACAC  TGTATCTAGC  TAGTAATTCC  ATTTATATGT  CAGTTTAGTG
117051  TTGTTTATAC  TTGTTGAGGA  TTTTGCAGTT  CCATAAAGAA  GTTTTCTTTT
117101  ATGGGTTATC  TACGTCTTCT  TTGGATCTCA  GCAACTATCC  TCCTAGAACA
117151  AGTCGAGAGG  CAGTCCCTGC  TTTTATACCT  TTTGTGAGTT  TCTGAGGAAC
117201  TAATATTAAT  TATTATTATT  TTAAACATCT  GTGCAAACTG  TTAGGACCTT
117251  TTTAAAAAAA  TCTGTAGATA  ATTCTAAAAT  TATTGATTGT  AAATAGAGAT
117301  TACTGTCATT  CAACTATTGT  AAGGCCAACA  CATTAAGAAA  TAAGTCCAGT
117351  GAGAGGACAG  TTTGTTACTT  ATGGCTCCCA  AGAGGACCAA  ACGGTGGGGA
117401  AACATCAAAG  GCCACAAGGG  GAAATATCAA  GGCAGGCAGG  GACTAAAGGG
117451  GTCAAGGGGA  AAACAGGGGC  ACGAGGCTTT  AGTGTAGTCT  CTGAGGGATG
117501  CATATGTGTT  ACTTGGAGCA  GTCAACACTG  TCTTCCCCTC  TACCTCCTCC
117551  CCTCCTCTTC  TTTAAAATGA  TTTTATTATG  ATGTGTGTGT  GTGTGTGTGT
117601  GTGCATGCAT  GGCACGTCAC  ACACTCACAG  TTCAGATGAC  CTCAGCTGTC
117651  TCCTTCCATC  ATGTGGGTTC  CCAACATGAA  ACTCAGGTCC  GCAGGCTTGA
117701  CTGCGAGTAC  CTCTGTCTAC  TGAACCATCT  TGGCAACCCT  CTTCTCTTCC
117751  TAGCGCATGA  GTAACTTTAA  AATAGATTCC  TATCTGAGGC  AAGTCATACA
117801  ATCTCACAAT  TTCACTCCAA  AGGGCTCTCC  CTGCACGTTC  CCGCCTCTTC
117851  CTCAAACGCC  ATCACGCCAA  TTGTATTGGC  TCTCTGTGTA  TTGGCCTTTC
117901  CATGTGTTTG  CCTATGAATT  TACACACACA  CACACACACA  CACACACAGA
117951  GAGAGAGAGA  GAGAGAGAGA  GAGAGAGAGA  GAGAGAGAGA  GACAGAGACA
118001  GAGACAGAGA  CAGAGACAGA  GACAGAGACA  GGGAGGAGGC  AGACTTGGTT
118051  GCAACCTTAC  ATCAGTGAGG  ATCAATAATG  ACGGACAATT  TTACCATCCT
118101  ATTTTGACGA  ACATGTAGAC  TGCCACCCCA  AGCTTTTAAG  AGGAGTTACG
118151  GAGTTAAAAT  GCTCTTGACA  TGAAACTGCT  TTCTAAGAAG  TGGGGCCAGT
118201  CTACTTTCCC  AGGAGGCATG  CGTAAGAATG  CCTAATAACA  CAGTATGTGG
118251  AGCGTGTTAG  TTCTAATTTG  CATTTTTATA  TTACTTTGAG  ACTCGGCAGT
118301  TTTTCTTCTG  TCTCTGTACA  GAACCCTGAC  TAATGCCACA  TTTACTAGAC
118351  AATTGTGTTT  TCTTCCTGGA  TTATGACATG  GTTGGCCTTT  TGCTGGCTTT
118401  CCAATAAGTT  CTACTTTTGT  GTTGCCACAC  TTATTTGCAT  GAATAATATG
118451  TCATGTCTAT  TTTCCTTTCA  TAGTTTCAAT  TAAAAATATT  CTTTCGTATT
118501  TCCTTCATGC  ATTTAATTTT  TAATTTTTCT  GTCTGCAGAC  ACCAGAAAGA
118551  GTGTCGGAGC  TCCTAAGACT  GGAGCTGCAG  ACAGTTGTAA  GCTGCCACGT
118601  GGGTTCTGAG  AATCAAACCT  AGCAGACCGT  TCTCTTAACT  GCTGATCCAT
118651  CTCTCGAGCC  CCTGAGCATT  TAATTTTTGT  ACACGGATTT  TGATAGACTT
118701  TTTTCACATG  GAGCTGCAGA  GATGGTTCAG  TGGTTAAGAG  CACCAAATGC
118751  TCTTCTAGAG  GTCCTGAGTT  CAAATCCCAG  CAACCACATG  GTGGCTCACA
118801  GCCATCTGTA  ATGGGATCTG  ATGCCCTTGG  CTGGTGTGTC  TGAAGAGAGC
118851  AATTGTGTAC  TCATATACAT  AAAATAAATA  AATAAATCTT  ATTAAAACAT
118901  ATAACCAAGT  GTCATGTTAA  TAAAAAACAC  CCCAAATCAT  CTCTCTCTCT
118951  CTCCCTCTCT  CTCTCATTTT  TTTTTCAAGA  TAGGATTTCA  CTGTGGAGGG
119001  TTATCCTGGA  ACTCATTCTG  TAGACCAGGC  TGGCCTCAGA  CTCAATAGAG
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46

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119051   ATCCACCTAG  CCATGTACTT  TTTTTTTTTT  TTTTTTTTTG  ATCAGATAAA
119101   TTCCCAGGTA  GCTTAACACA  GAAACAACTT  TGTAAGATTG  CTTGAGAGAA
119151   CAAGGAAGGA  CAGATCGGGG  AGTTTGGCAT  CACTGACTCC  AGGGATGGAA
119201   CAGGCACCCC  TGGGAGGAGT  TTTGAGAGAC  CTGGTTCTTC  TCACTCCAGG
119251   TTTACAGCCA  TTCCTTGTGC  CTCTGGGCCG  AGGGTGACCA  GTTGGTGAAA
119301   ATAGTGGTTA  AATGCACACT  TAATTCTTGT  GCGCGTGTAG  GGGCACCTGT
119351   GTGTCTATGT  GTGTGTGGTG  TGCATGTGTG  TATGTATGTT  CCCATGTTTG
119401   TGTGTACCTA  TGTGTGTGTA  TGTACCTGTG  TGCATGTATA  TGGAAGTCCA
119451   ACACTGATGC  TGGGTGCCTG  CTTTAAGCAC  TCTCTGCTAT  AATTATCAAG
119501   GCAGAACTCA  CAGATTTTAG  ATACTCCAAT  GAGCCGGGGA  GTCTCCTGTC
119551   TCTGCTTCCT  TCATCCCTCA  TACCGGGATC  GCAGTTGAAG  CTTTACACGG
119601   GTACTGCAAA  TTGAAAAACA  CCAGTTCTCA  CACTTGCGAG  GAAAGTGTTT
119651   CATCCGTTGA  GCCAACTCCC  CAGCTCCCAT  ACTTATTTCT  TGACAATAGT
119701   TACAATATCT  GGAATATCTA  GGGTAAAATA  TCATGTACTA  ATTAGATACC
119751   TGTCTAACAA  AATACCCAGT  TAATTTATCA  AAGCTAAATT  ATTTTGGCTT
119801   GCAGTTTTGG  AGCTGCCGGT  CCATGGTTGT  TTGGCTCTTG  TTTTGGAGCC
119851   TGTGGTGAGG  CAGTAGTGTA  GTCAGCAGTG  TGATAGGAAG  CTAAAAACAG
119901   GAAGAGGAGG  GGCCTGGGAC  CTGCAGTCCC  CCTTTGAGGG  CACAGAAGCT
119951   AAAAACAGGA  AGAGGAGGGG  CCTGGGACCT  GCAGTCCCCT  TTGAGGGCAC
120001   AGAAGCTAAA  AACAGGAAGA  GGAGGGGCCT  GGGCCCGCA   GTCCCCTTTG
120051   AGGGCACCCC  CCCCCCCCCC  CGATGATCTA  AAGACTTCAT  GTTGTGCCCT
120101   AGATAGGCCA  ACCATAAAAG  TCTCCACCAT  ATTCCTAGTG  TTGCCCAGAA
120151   GGGTAAAGAT  CTAACGTATG  AGCATCTGGA  GAGCATTCGA  GACCAGAACT
120201   GCATCAGATC  TTACTGTCCC  TGGGCTTCAG  TCCTATCATC  TGGAAAATGG
120251   GACCAAGCCT  CAGATCGCAG  TTGTTTGAAA  CACCGGGAGA  TAATATATAG
120301   ACAGTGTCAA  GCATGCTATC  TGGCCCACAG  TTGGAGTTTT  TTCCCCCTTA
120351   GGCAGGGTCT  CACCAGTTAA  CTCTGGATGT  CCTGGAACTC  TCTATGTAGA
120401   CCAGATTTGG  CTCAAACTCA  CAGAAATCTG  CCTGCCTCTG  CCTCCTGAAC
120451   TCTCCACACC  CGGCCTCCAT  AGTTGGCGTT  TAATAAACTA  TAGTTAATTC
120501   CCCTATTTCT  CAATCAGTTT  TATTTCCCCA  GGAAATCATT  CATATTCGAA
120551   AGAGGAATGA  ATAGTACCAA  TTTCCCAGGA  ACTCGAATAA  ACTTTACACT
120601   TCATGTGTTA  GTTTTCCAAG  TCTGAAATTC  ATGCATAGCT  GAGATTCAGC
120651   TTTTCTTTCA  CCCAGTTCCT  CTACGTGCAC  GTCCAAGCTT  TCTGTTTTGC
120701   TAAATGGTCT  CACGTCATCT  CCTGCCTGTG  TCCTAGAGTC  CAGGCAGAAG
120751   GTGAAGGAAG  CACCCGCTCT  GTAGTAGCAT  CCATAGCGTT  CACCCTCTCT
120801   GTAGGAACGT  TCATAGCATC  CCTAGCTTCC  AGCCTGGCCC  GGTTGCTGGT
120851   GCGTTTTCAT  TATTATTGGC  TTGTACCACT  TACTCCTTTA  CCTTTCCTTT
120901   GCTCTACCTC  CCCACGCCAC  TCCCTGCCGC  CCCCACAAAC  AGCTGCTATT
120951   GTTGGCTGCT  CCCAGGATTA  TTCTTGTGAA  CACTGGGAAT  GGCCAAAGTC
121001   TTCCCAGCTG  GCTCCTGGCT  TTTTTTTTTT  TTTTTTTTTT  TTTTTTTTTT
121051   TCCTTTCCCA  AAACTGAAAA  GTTTACAGT   CTCTGGTTTT  TCACATCAGC
121101   TGTGCTGTCT  GCATTAGAGA  CAGTCCTGGG  GCATGCTCAA  GGCTCTGTGA
121151   GTCAGCCCCT  CCCTTTTAAT  CGTGCCTTTA  AAAAGGGACA  GAGAGTTCAA
121201   ACTCCTAAGA  CAGAAATCAC  TTAGTTCCCT  TCTGCTACTC  CATCTCTGGG
121251   CCTTGATGTG  TCTTAAATCC  ATGGGTTTA   CTCTGTACCA  GAGTAGGGAG
121301   TTTGAGGCTA  GCCTAGCTAG  ATGAACAGTG  TGCAGTTGTT  TTCTAAGTTA
121351   TCTTCTGTTT  TTATTTGTGT  GTGTGTGTGT  GTGTGTGTGT  GTGTGTGTGT
121401   GTGTGTGTGT  GTGAATAATT  CTTAAGGAGT  TCCAGACTTT  TGAAAAAATA
121451   TCACTGACAA  AAAAAACCTC  AAAATGACAT  CAACAGCAAA  AAAGTTGGAG
121501   AAGTGACATA  CTCTTAGTAA  CATTCCATTT  TGCTCTGAGT  AAAAGATGAG
121551   GGCCGGGTAT  CATCTTTGAT  TGGTACAGTG  TCGGAGGAGA  GCAGTTCACA
121601   TCAAAACTGA  GAAGGAGATA  ATCCTAGAAG  AAAGGAACAT  GCTTCAAGCA
121651   GAAGGCATTT  AGAATAGGAA  CTAGCTGTTT  GGTGTTTCTT  CCTGGCTGTA
121701   TCCAAGACTA  CTGAAAAGCT  CTAACAAGCC  TCCCTCTGAG  TGAAGAGCTC
121751   GCTCTACATC  CTCCTCCCAG  TTTACTGTGA  GCTGTCCTTT  CTGATGCTGT
121801   CTTTATTGGG  TCAAGGTTGT  CTCTATCCAG  TACTCTCCCC  TGTCATTTCA
121851   GCTATGTTTA  CAGATCTTTC  TCCTGGCAAA  GGCAACAGTG  CCACTTGAGA
121901   GAGCCTGGGC  CATCAATTCT  GTTAGCCTGC  GTGTCACAGG  AGCTGGTGGT
121951   GGCAAGGGCA  ACCGCAGCAG  CAGCTGGGAG  CTCCGAAAGA  ACAGCCAGCT
122001   GCTCACTGTC  ATTCCAGGGC  TGGCTCATCA  TTTATCAGGC  AAAGGGGAGC
122051   CTTGATGCCC  TCCCTGCCTC  ATCCCTGTCC  TGCTCCTGAC  GCAGGTGGAG
122101   GGGACCCAGC  ACCTTTCATC  TCTGTGCCAT  TTGTCTTATT  CTCTCCAGGG
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47

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122151  ATGCTTTGTC  AGGTCTTTGT  ATCAGACGTG  GCCCAATGTC  ACACACAAAA
122201  TGCAGGTCCA  CACAGAGGGG  TTCCCACTCT  GGCTTTCCTT  GGCTCTCTCT
122251  CTCTCTCTCT  CTCTCTCTCT  CTCTCTCTCT  CTCTCTCTCT  CTTTCTCTCT
122301  CTCTGCTGAG  TTTTCATAAC  TAAGATAACC  TGCAACTCTA  AGTAGTCAAG
122351  GTTGCCCTCA  AATTCCTGAT  TAACCTACCT  CTACTCCCCA  AATTCCAGGA
122401  TTACAGGTGT  GTACCACCAC  CCCAGCTTTT  TGTTGCTGTT  TTGAGGCAGG
122451  ATCTCATATA  GCTCAAGCTA  GTCTCAAACT  CCCTATGTAG  CCCAGGTTGT
122501  CCTTGAGATG  CTAGTCCTAC  TTTCTCTTCC  CAAACCCTGG  GATTACAGGA
122551  GCTGAGTGAC  CATGCCGGGC  CCAGATTTTC  TTAATCCCAA  CTACAAGGTC
122601  AGCAAAAGCC  AAAGGAAGAA  GAAATGTTAG  GTGTACTTGG  ATGTTCCTTC
122651  GCTCCTCCTC  CCCTCCCCTC  CCCTCCCCTT  CCCTTCCCTC  CCCTCCTTTA
122701  TCCTTCCCTT  CCTTCCCTTC  TCTTTCCTTT  CCTTTCCTTC  CCCTTTCCTT
122751  CCTTCTCTTC  CATTCCCATC  CCTCCCCTCC  TTTCCTTCTT  ATAATTCTTT
122801  TTTTATTTCT  TTCCTTTTCC  TTCCCTTGTT  ATGTTTTATC  TTTTCTTTTC
122851  TTTTCATTTC  TTCCCTTTAT  CTTTCTTTAC  CTTTCCCTTT  CCTTTCTTTC
122901  TTTCCCATTT  CATTATTATT  TTCTCCTTTC  TTTCTCCTTA  CCTTATTTTT
122951  ATCCTTCTCT  CTTTTCATTT  TCTTTCTCTA  TTTCTCTCCT  TTTTTAATTC
123001  TTTTTTCTTT  CCTTTCTATC  GATTTTTCCG  TTTTTTACTC  CTATATTAAG
123051  ATTCTTACTT  AATTTAATCT  CTTTTCGTTT  CTTCAAATTT  ATACCTCCTC
123101  ATTTTTTTGT  CATACTATTG  CCTTATTTCT  CTTATATATT  CCTTTTTTAT
123151  CTTCACTATT  CTACGTGCTT  TCGCGTTACT  TAGTTACGTT  TTCCCCATTT
123201  CCTCTCATTC  TTTCTCTTTT  ACTCTTATCT  CTCTTGCTCT  TCCTATATGT
123251  TTTTTACTTA  CATTTTTACT  TCTTCTTCT  CTTGTAGCGA  TTCTCCATTT
123301  TGGCTCTTTT  TGTCATATTT  CTTTCATTTT  GGCATTCTTC  ATGATTTTTA
123351  CTCTTCTGTC  ACTCAACATG  TTAATTATTT  TTAGTCCTTC  TTGTTCATCT
123401  TGATATGCAT  CTCCTTCTTC  TCTTCTCTCT  CATCATTGCT  ATGAATTCTT
123451  TTCTACCTXX  XXXXXXXXXX  XXXXXXXXCG  CGGGCGTGCG  TGCGGCGTGG
123501  GTGGCGTCGC  CGGTGCTTGG  GCGCGTGGCT  GTCGTGCGCG  GGCCGGTCCT
123551  TGCGGTTGCG  GTGTCGGCGC  CGTCGGCGCC  GTTCAGGCCG  GTTCGTTCGC
123601  CGGTGCGTCC  GCGCCCGCTC  CGGTCGTATG  GTGCGCACCC  TGCCCGTCCC
123651  GTTTTCATCC  CGTCGCCGGG  GCGTCGGTCC  CCGTCCCGTG  TCGCCTGTCG
123701  CTCCCGTCGC  CGGTCCCTTC  CCTCCTGTCG  TTCCTCTCCC  GTTCCTGTAC
123751  CTTTTCTCTC  CCCTCCCTTC  CCTCATTCCC  CTCCCCATCC  CCTCCTTTCT
123801  CCTCCCTCTC  AGCCCTCCCC  TCCTCTCCCC  TCCCCCTCCT  CTGGAGTTCT
123851  TTCTAAGAAC  TGCTGGTTTC  ACAGTGTTCT  TCTCTCTTAT  TCCAGAAAGC
123901  AATCAATCAA  ATCAACCACA  CACACCAGGG  GTCAGGACTT  TAATCTCCCT
123951  CACAGAGGTT  ACTGAATATA  ATGGTGTGGA  AAGAGAAGCC  AGTTTTGGAA
124001  TCTGGAAGGT  ACCATTCCAG  CCGTGACTCC  TCTTGCTGCC  TGGGGACTTG
124051  GACAAATGAG  AATAAAAGTA  TTAAGAGAAG  CCTCATGGGA  GTAATGTAAG
124101  AATTAAATGA  GATTATGAAA  ATGCTATGAA  ACCTTTTTTA  AAAAATTCAC
124151  TTCCTAGTCT  CTTTTAGGGG  TTCTAAAGAC  TAGAAATGTC  CACGAGATAG
124201  CAAAGCCACC  GGATCCCACT  AACCAAGTCT  CATGAATTTC  TTCTCCTAAC
124251  AACAGTTCCT  TCTGGAGTTC  AGGCTTTAGT  TCTTACTCAT  GTGTGCACAC
124301  AAGGAAGCTA  AGGTTTCCTG  GCCTTAGGTA  GACACTACAC  CCACAGAGAC
124351  TCACCTACGG  GATTTTAACC  AGAACTGAAA  CAAGGACAGC  AATGGAAATG
124401  CTAATGTAGA  CAGGGAAAGC  CTCATCGCTA  CACAAAGAGC  TACAGACAAG
124451  GGAGGAGAGC  AGAGAGAGCC  GAGAGGCAGA  GAGAGAGCCT  TCTCCAGGGA
124501  GGAGCGCGCT  GACTGCTTGT  CCAGGACCAG  CCCTGAAACC  ATCAGACAAA
124551  TGCATGCATT  TGGGAAGGAG  GACTATTGGT  ATATGATGTA  ATTATCTTGT
124601  GATCTCGAAA  GCTAAGAGAA  GTACTTTTAA  AATGATTTTC  TAGTCATTTA
124651  AAAAAAAGAG  ATCTTATTTT  TATATTAAGT  GTGTCTCCAC  GTGCACGTGA
124701  GTGCAGGTGC  CTTCTGAGGC  CAGAGATAGA  GTATCTCCCT  AGAGCTGGAG
124751  ACCCAGATGG  TTGGGAGCCA  TCTGGTGCGG  GTGCTGGGAA  TTGAACTCGG
124801  GTCTTCTGCA  AGATCAGTCC  ATACTCTTAA  CCACTGAGCC  ACCTCACCAG
124851  CCCCTCCTAG  TCGTTTTTTG  CATCGATGAA  GAGCTATGTG  ACTGAAGTAA
124901  GGCAAATGGA  TCGTGGAAGT  AGGTAGTATA  TATCTCTTAA  TGGGTCTGGA
124951  TAAATTAATA  CCCCCAAACC  TACTACGGAA  CATCATAGTT  TGGTAACACA
125001  AAATTCTGGA  GTACTGGTTG  CTGACTTCTG  TGATAGCATG  CTTTCCTGTC
125051  ACCAAGAGAC  CCCAGGATGC  TTTTATACCC  CACATTGCTG  GCCAAGGAAA
125101  AGAACAAATT  TTGAAAAAAA  GAACAAATTT  TGAAAAGGT  AGCACACTTC
125151  CCATTGAATG  TGTCCCTTTT  ATCCCACCAT  GAAGTTGAGC  CATGGTGGAG
125201  CGATTTGCAA  TACCCTTTGG  TTGTTTGCAT  GGTGGTGCAG  GAAAGTACCA
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48

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125251   TGTATGACAA  ACAAAACAGA  AGCCTGTCCC  CCCCCCCCCC  CCAAGTGTGC
125301   TTGTTTTGTG  TATGTATCCC  TTTCTGCCTG  CCGGAAGTGG  TACCTTCCCC
125351   TCAGCGGTGA  AGTATTCCTG  GCTGATTTCA  GGACTCAGCT  CTGTACACCT
125401   TCAGAGAACG  GCGGCTCATA  CTTAGGGTTA  AATCTTTGTG  CCATACTCTT
125451   AACACAATCT  AAATATGCTT  CCTTTGAAAA  GCAACAGTTT  TTCACCTGCA
125501   AAGATCATAG  ATGTTCAAAA  TGACTCCTAA  GGTTTGGATA  TGGTTGCAGT
125551   GTGTTCCCCA  AGAGGATGTA  GGCTGGGAGC  GGTAACCAGA  GAAGATCCTC
125601   CTAAGCAGAA  GCCCCTTCCT  CTGGCTTTCT  GTCTTGCCGT  GTGATTTTTT
125651   TTTCTTCACC  TTGTGCCATC  ACTGTGATGA  CGTTTGCCTG  AGGGCCTCTT
125701   GAGGGCTGAG  GTAATTCTAG  TGTTATACCC  TTCTTTTTTT  TTTTTTTTTT
125751   CCTTCCTTAA  GTAATTTGGC  CTCGCACAAC  CTGGTGACCG  CTGTCACCGC
125801   TAAGGAAATT  GTGGCAGGTT  GGGGGTTACC  TCAAAGTTCG  GCCGCGAGCT
125851   TGTCCTGGCG  AGTGAGAACT  TACTCCCGCA  CCGCCCTCTA  TGAGCTGCTG
125901   GGGTGTCCCC  TCCACTCTCA  TACCCGACGC  TTATCAATTC  TGGGCAGAAC
125951   CATCCTCCGT  CCGTAGCAAG  TATGACCGAG  GTCTGCGCGG  ACCCGGTGTC
126001   AGGCTCTCTA  AGATGCCTGT  GGTCTATCCT  AATCTGCCCC  TGCCCTCCTC
126051   CTTATATGCC  TCAGGCTCAG  GGTGGCTCTC  CTTGAGACCA  TGGCATTCTG
126101   TTCGACTTTG  ATGCCTTCTA  CCAGGCGCAC  CACGGACACC  AGCTACCTAG
126151   AGATGTGCGT  CTGTCAGCCT  TGGGGGAAGG  CCTTCACGAA  AAGCAGGAGA
126201   ACCAGACCAG  CAAAAAGTCA  TCCTTTCCTT  TTCTTCCTCT  TGTCTGCTTT
126251   CGTATTTAGT  CGGAGAAAAG  GAGGGAAACG  GATCTGGCCC  AAGAAACCCA
126301   ACTTTTCTGG  CCTTGAACTA  TGGTCTAAGA  TTGAATTGAC  TACCTCTGGT
126351   GGGGTTCTCT  TGACCCTCCT  AATACCCTCT  AGCCTGGCAG  GTGATCAACA
126401   TGTCTCTCTT  GTATGGTCCA  GAAAAGACTC  TTATCAGCGG  CCAAGAACGA
126451   GGCCCCAGGA  TAAAGATTCC  TGAAAACCAG  AAATTTAAGT  GCTTTCCAGA
126501   GTCCCTGAGT  GGCTGTTCAT  TTCTAAAGT   TCCCTTCCAG  ATGCCAATCC
126551   CCGAAATACT  TGCTGGGGTC  TTATCCAGAA  GTCCTGAGCA  AGATTCGCCC
126601   TGTCCCCGGA  ACAAGTCTGT  GTAATGGGTA  CCTCTGTAAC  CTCTGAGCCG
126651   TGAGACTAGA  TTTGGTTGTC  CGAAGCCAAT  AAGATTTCAT  TCTTAAGGGC
126701   TTGCATGGAA  TTTGTTTTTC  TGTCTTATCA  CAAGCCACAG  GTAAGACTCG
126751   ATCAATGATC  CAATAGGTAA  CGGGGATGCA  GCTTGCAGGG  GGTGGTTCTG
126801   ATGCTAAGGC  CCTGTTCCCA  GTGCCTCAGT  GAAGGAAGGC  TAACCTGCAA
126851   AAGGCACTGG  GTTTGAAACC  CAGCTTTTTT  GTCTTTGTGT  CCCGCTTCCC
126901   CACTAAGAAA  ATAAGTTAGC  GAGAGATGCC  AATTTCCCCC  CTCTGGTCTG
126951   TTCCATGTCA  TTTCTGTCAC  GTGGGTTTGA  GAAAACAAAG  CCCTTAAGGA
127001   TGACGAATAC  ATTCCTGTGT  CAAAATTTAC  CCAGGGGAGT  GGCCTTGGGG
127051   AAAGGTGCTG  TGTGAGCCTA  ACAGCAGGAG  GTGATTTGTC  CTCCTAAGGT
127101   CTGTCCCCAT  TACTCAGATT  CTACTCCAGT  GGTGGCATAG  AGTGATATTA
127151   CTGAGGCCCG  GTTCATCTTG  GGACCGAGTT  CCTGTCCTTG  GTCTTTTCAT
127201   TCACCAGCCA  CTTGCATTGC  TAAGAGTGCA  GTGACAAGAC  TTGGAGGTTG
127251   AGTTCCCGAG  TGTGGTCCGT  GCATCCGCAG  TGTTGATCAC  GAGCACCGCA
127301   AGTCAAATCC  TTCCAACGAG  GCTGTTGGAC  TGTGTGAGTA  ATTTGGGCCT
127351   AGATGAAGCA  GGAGGCTCAC  TGGTCAAGGT  ACAGATGAAA  TGTAGGCCTG
127401   TAATCCAGCG  GGGCTGTGGC  TGGGGCATTG  TGATGGACTA  CATAGCAAGG
127451   CTGTCTTTAA  AAGGATACAG  AATGCCGCCC  AGGGCCTTGT  GTAAAGCCAA
127501   GAAACCACAG  ACCCGCAGCA  GAGCTCAGGC  TGTAGCTCAG  TTGATAGAAC
127551   GCATGCCTCC  AACACACAAA  TCTCTGGGTT  CTACCCCCAG  CACCCCATAA
127601   ACCAGGCTTC  ATGACGCTGT  GACCTCTGCA  TGCTTTGGAA  ACAGTATCAA
127651   TTATGTGTCA  CCGACTGGCC  TAGAACTTTT  CATCCTTTGC  CTCAGTCTCC
127701   TGAGTGCTAG  GACCTCAGGC  ATGGGCCACA  GCCCCACAGG  GATAGAGGAC
127751   GATTTTGGGA  GGACTGCCAC  CAAGTGTTTC  CCTTGGTAAC  ATTTACACTT
127801   CCCCAGCTCC  CAAGATTTTA  CAGAGTTTTC  TGTCCTGGCA  AGAAGAGTAA
127851   ACTTGGCCAT  GAACGTTAGC  CCTGTCTTCT  GGGGCTATTC  CCCCACCCCT
127901   GGCAGTGGAG  GGCGCGGCTG  CAGAGATGAT  TACAAGCACA  GAGGAAGGCT
127951   GCAGAGCAGC  GGGTGTGAGT  CTCAGTCAGG  AAGACAGGAG  GCAAGGACGC
128001   ACGCATCTGG  CGAGCCCTTC  TTGCCAGACT  GCTAAAATAG  GTAAACTGAG
128051   TAAAATGCCA  CCTTTGATGG  TCACGGTGTT  GATACAACCC  GATCCCTTCC
128101   TTCCTAACTC  CTTCCCACAT  TCTGGCAGGT  CATCCACACG  GTGCATCTTT
128151   GGCCTCTGTC  ACGGTTCCAG  TGTGACTCGA  GACAGGACGT  GACAGCATCT
128201   GTATAATCCC  AGCATGTAGC  AGGCAGAGGC  AGGAAGGTCT  CCAGCTTAAG
128251   GCCTGCCTAG  GCTATTTATT  CAGTGAGACC  CTGCTCCAAG  AAAGGTAGAA
128301   CTGGCTATGG  TGCTCCACAC  TTGTAATCCC  AGCGCTGGGG  AAGCAGAAAC
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49

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128351  AGGAGGATCG  CCCTCAGGGT  GGTGCACCAG  CTGGGTCTGC  ATAGTGAGTT
128401  AAGTGCCAGC  TGGGGCTGTA  TAGTGAGGCC  CTGTATCAAA  CAGAGAAAAG
128451  GGGAAGGGGT  GGACCTATGA  AGCGGCTCAG  TGCGTTACGG  AGTTTGTCCT
128501  GTCTCTAAGC  CTAACAATCT  GAGATCTATC  TCTGGAACCT  ACACGGTAGG
128551  AGGAGAGAAC  TTACTCCCAA  AGTTTTCCTC  TAACCCCTGC  ATAAGCATCC
128601  TGTGCTGTGC  ATGTGAAACC  CCATACCTCC  CACTAGACAA  AATAAAGAAA
128651  TGTAAATAAG  TAAAAATAAA  TAGTGTAAAT  ACATTTTACA  AAGTTATTTG
128701  GCCTCAAGTA  TTTTGTTGTA  GTAACTATTG  CTTAATTGCT  TGCTACAGTT
128751  GACTAACACA  TTGCTACAAA  GTTTGGAAAG  TTCAAAAAAA  CCACCCCCAC
128801  AATCTCCCAT  TATTCCATCA  TCCAAGGGGA  ACACATATTT  TCATACGCAT
128851  AATTTAGCTT  TCCAAATTTT  CATTTTGTAT  TTGCTCTTGC  CTTAGACATC
128901  ATGAAGGATT  TCCCAGTTAC  CTCCAGGAGA  CTGTAAAATG  AAGTATGTAA
128951  GAGCTTGAAA  GATACGCCAT  CGCTAAGCAT  ATCCAATCAT  TAAGCATTCT
129001  TATTATGATT  ATTACTATGA  TTATAGTAAA  ACTATAATGA  AACCTTCCTT
129051  GTGGTGTGAT  TCTGAGATGA  ACATCTGTGA  ATGCAAATCT  TTGCCCACAT
129101  CTCTGATTAT  TTATATTTGG  AAGATTTTCT  TGTTTTGTTT  TTGATCATGC
129151  ACACGCACGT  GTGTCTGACT  GTGAGTTTGT  GTATGAGTGT  GGTGCCCTTG
129201  GAGGCCAGAG  GTGTCAGATC  CTCTTGGTGC  TAGAGTTCCA  GGTAGCCGTG
129251  AGCTCGAGAA  CAGGAGAGCT  GGGTACCAAA  CTCAGGTCCT  CAGCAAGAGC
129301  ATCACTTAAC  TTCTGAACCA  TCTCCCCAGC  TCCTTTATTT  CCTTTAAGAG
129351  GAATCCTTAC  AAGGAAAATT  CCAGAGTCAA  GGGATATGCA  AATGGATCCG
129401  AGGTGAGGAA  GGAGGATGGA  GAACCAAACC  TCTCCAGGAA  GGAACTGCCT
129451  GGTCGCACCC  AACTCTTCTC  CCTAATGCCT  CCTGGACAGA  ATTACATCGT
129501  GTACATTATA  GAATCCAGGA  TGTGGCTAAA  GTAGAGAGAC  TACACACACT
129551  CAGCTTGCAA  TTCACAGTTG  AGACACCTTT  CTTTCTTTTT  TAAACTGAAA
129601  AAAAAACATC  TTTTTTTAAA  AAATACAATA  TACATTGATA  AATGTTTCCC
129651  CTCCTCCAGT  TTCTTTTATG  AAAAACTTCT  CTAATTTAGG  CGAGTCAGTT
129701  CCTGAGAAGG  CTCAGTGGGT  AAAGGTCCTT  GCCACCAAAC  TTGATGACAA
129751  GTTTGATCCC  TGTCCCTGTT  GGCTTTGGGA  TGGAAGCTGA  GAAAACTCAT
129801  TTCAGAGACA  GAAGCTTAAA  AATGAAAACT  TTATATTCTG  AACTCTCAGG
129851  AAAGCAGTTA  GTTTGGGTTC  TGAACTGTGT  CCCCATAGGG  AGATTGTACA
129901  TTTTCAAAGG  CTGGGAACAC  AAAGTGGCAG  GTGGGGGAAC  AGCTGTGGTG
129951  TTATCCAACT  GTGTTTTGAC  GTTATGGGGG  TACCCCTTAG  AGACCGAGCT
130001  GTATCCAGGG  CACCTTCAAG  GTCCTTAATT  CATTCTCCTA  GACAGTGTCT
130051  GGTGCTCAAA  GTGATAAGGG  GACAATGGAG  CAGGTCAGCT  GCATGTAGTT
130101  AACTATCACA  TAACAGGCAA  TAGGTTATGT  ATTTTTATAA  CTTATGCACC
130151  TTTGTTTAGA  TAACAGCAAT  TTCTCTACTC  TCTACCGGTT  AACAGACAAC
130201  TAAGAGGTGG  GATAGGTGCT  CATTCCTAGG  CCTGGCAACA  TGAACTTGTT
130251  TAACCCTGCC  AGCAAGATGG  ACAAGGTGTC  CTTGAAATGT  CTGGACTCAG
130301  ACAACTGTCC  CCTTACAAGT  TGTCCCTGAG  ATGTCTGGAC  TCAGATAACA
130351  GTTTACAGCA  GAAGCTGTTC  AGCTATTGGG  AAGTGCCCAG  CTCCTCTAGG
130401  ACCGGGACCT  TGAATTTAAT  TTCTCCCCAT  GATTTAATGG  AGTCTGAAAA
130451  CTTAATGGTA  GTACTTAAAG  TTTCTTCTTT  TGCTTGTTCC  CACACAGCCC
130501  CGTGGTGGAA  ACACAGAACT  GACTCCTCAA  AGTTGTCCCT  CCACTTCCAT
130551  TTAAGTGCTG  TGATACACGC  ATGCCCTTCC  CCTTAAAAAA  TGTAATTGAA
130601  ATTTTTAGCT  TGATGGGAGA  CAAATACTTC  CTCAGCCACT  CTTGTTTACA
130651  GTCTGGGATT  ACTGATGGAC  ACAACATTTC  CTCCCCAAGT  CTCCACGGGC
130701  CGTTGCATTT  CTTCTATGGT  TTGTTGAGTT  ATGACTCAAA  TATGATGCAT
130751  CATGACTTTC  AAAAGTATTT  ATTTTTTTTA  AGCCTATGAA  ACTTCAAACT
130801  GCATCATCCA  GGCAGCCCAA  AGGAAGGACT  CTTTTTTTTT  TTTTTATAAT
130851  TTATTTATTG  ATTATAATTA  AGTACACTGT  AGCTGTCTTC  AGACACCAGA
130901  AGAGGGCATC  AGATCTCATT  ACAGATGGTT  GTGAGCCACC  ATGTGGTTGC
130951  TGGGATTTGA  ACTCTGGACC  TTAGGAAGAG  CAGTTGGGTG  CTCTTACCCA
131001  CTGAGCCATC  TCACCAGCCC  CAAGGAAGGA  CTCTTTACAT  GAGTGGATGT
131051  TTGTGTTTTC  ATACGACCAC  ACATAACTCA  GAGTGTGTTT  TCTAGTAATA
131101  AGAATAAATG  GAATAGCAGT  TCCAAACAGA  GCCAGCCTCA  AGGGACTAAA
131151  AGGTTCTGGA  GAACTGACAG  GGTAGCCCAG  AAACAGAAAT  TAAAACTTTT
131201  TAAGGGTTCG  CCATGCGTTG  CCCAAACCCA  GCCTTCCTCT  CTGTGCTTCA
131251  GAGCATTTTT  TATTGGCCAG  TTTTGTCATA  ACCTTTGCAA  TCCCATCTTT
131301  TTTGAAACTG  AAGAGGAAGA  ATGAAACCCA  TCACTGCATA  AACCAGAACC
131351  CAGACATTAA  TTAGAGAGTT  GTCCGCTTGG  GCTTTTGTTA  ATGAGCCCTT
131401  GTATAATCAT  CGCCCAGTTT  TCACCAAGTG  TGAGGTCTCA  GTTAGGAGAA
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131451   ATTGCCGTGG  TCTCCCTAAG  AATAAAATTA  TAGAACGCTA  GAGAACACAG
131501   GCAAGAAATG  TCAGTTTGTT  GTTAGAGAAC  TAATATGGGG  AGTCACTGGC
131551   TGGAATCTAG  CATTTGGTTG  GCTCTCAGTG  AGCCAGAAAA  GCTTCTCAAG
131601   TTTTCTTTGT  GAGGCTCAGG  AGTTCATCTT  CCAGACCCAA  GCGCTTCAAG
131651   TTCTGAATGG  GGAAAGTAGA  CACATTTTTA  CCTCACGATA  ACAATGTTTA
131701   AAACTGTTCC  ATGTTTGGTT  GGTTGGTTGG  TTGGTTGGTT  GGTTGGTTGG
131751   TTTAGGGATG  GAAATCAACC  ACAGTCTTCC  ATGAAGCCTG  AAATAAGTGA
131801   ATCTGCTCTC  CTTTTTTATC  TGATTGATGA  TCTTCATCAG  CACAGACAGA
131851   CATCTAGATC  ACGTTCAGGT  AATAACTGAT  TATGCACTCT  TTGCTCTGTC
131901   AATAACTAAT  TACTTGACTG  TGTTAATATA  ACCAACCTTC  GTGTGCACAG
131951   TTATACAGAT  TTGGAAGAAC  TGATGGTGTG  ATTAAATTGA  CCTTCACAGT
132001   AATTTATCCG  AGTCACATTC  TTCACAGGTC  ATGCTTGTGA  ATAGGTAGCT
132051   CAAGCAAGCC  CCATCCTCCT  CTTTTAACCT  TAGGAAGTAC  GTGCATCATA
132101   GGACCCTCCA  ACCCCCAATA  ATTAAAACCT  TGGCATGGCT  TCTGCATAAA
132151   GATATGTGAA  TTATTACAGG  ACTGTAGATA  GATCACTACC  TTAACTAATC
132201   AACTGCAGTT  ATTAATTAAC  CCCGAGCCAT  CTTAACAGGA  GAACCACCAA
132251   TGGCAAGCTG  ATGAGAGTTA  TGATGTACCT  AGGGTTAAAA  ATCATTCATT
132301   TCTTCTGGCA  TGCATGTATA  TGAAGAGATT  ATAGAAATAT  GTCAATTCAA
132351   GGAACTATTG  ATTTTTGCAC  CCCCCAGTCT  CCTACATCCT  ATGATGTTTC
132401   TGACTGCAAG  TAGTAATCTT  CGTTGCTACA  ATCTTGCTTG  TTCATTTAAT
132451   AAAAATTTTG  AAAGTTAAGC  ATTAAGCTTC  AACTGATGTT  ATAGACTGTA
132501   TGGTTATGTC  CTTTGGATCC  CAAAATTCGT  GTGTTTGAAG  TCCTAAGTTC
132551   CCAATGGAAT  TAGTATTTTG  GAGGCAGGGA  ACTTTTGGGA  AGGTAATTTC
132601   TTGCTTAGAC  TTAAGTTTAT  GGATTCAAGG  TTTTTTTCCA  ATTGGTTTTA
132651   TGGGGTGGTA  GGTTTTGGAA  TACCCCTTTX  XXXXXXXXXX  XXXXXXXXXT
132701   GCTTAGTAAT  GGGCTCCACC  ATCCCAATCT  CATCTCAGGT  TTGCCTTTAC
132751   TTTCCAAAGG  ACCACCATAC  CACAAACTCC  ACCACAATAC  TCCCAGAAGG
132801   AAGGCCTGAT  AATCACTCTG  TTCTGTTCAA  CCTAACAGGG  TAAAAATCTT
132851   CAAGATGACA  AGTGTTCGTT  GTAGATAACT  GCAAATATAC  TGTCCTCTTT
132901   CTTCAAAATG  AAAACTTGTG  CTCTTACTCA  TCCAGGTAAG  GGATTCACCT
132951   TGTGATAAAA  CAAACAAACA  AACAAAACAT  AAAAACACCC  ATCACCTCAT
133001   ACAAGCCGCT  GAGTACTACT  TCCACATCCA  GTTGTGGGCT  GGGCAAGTGG
133051   AAGATGCAAA  AGACATTAAC  TGAGGGTCTG  CAGACATGCT  TTGTATGCTG
133101   TAAAGCCACA  GCTTTTTTTT  TTTTTTTTTC  TTTTTGGTTT  CGAGACAGGG
133151   CTTCTCTGTG  TAGCCTTGGC  TGTCCTGGAA  CTAACTCTGT  AGACCAGGCT
133201   GGCCTCGAAC  CCAGAAATCC  ACCTGTCTCT  GCCTCCCAAG  TTCTGGGATT
133251   AAAGGCATGT  GCCACTACTG  CCCGGCAAAG  CCACAGCTTT  AAAATACAGT
133301   GTGTCCCCTG  TGAACTCTAT  AATGCACGGG  AAAGACTAAC  TTGGGAGAAA
133351   AAGAAACGAA  TGTTACAGGT  TACAGGACAG  TATTGCAATT  AGCTGTTAAA
133401   TGATGAAGAT  TCAAGGAAGA  ACCTTTTAAG  AATTTCTGAG  AGGGTTAAGG
133451   AAAAGACACC  ATGCTTATCA  TGTGCCACGC  CCTGCCTACC  CCCCCCCCCC
133501   CCTCCTACCT  TCCCCCCCTC  CCCTGTGCAG  CAGGCACTGA  AAAGGCACAC
133551   TCTCTTCCAA  TAGCCATAAC  AGGACCTTGA  AGTCACCACT  GTCATTCTCT
133601   TCAGTTTCAG  GAGAGGACAG  AAAGTAGAAA  GGTTAACTAG  CTTGCTCGTA
133651   ACAAATCCAG  GTCTGAGCAA  AATGAATGAG  AGCATTGTAG  AGTGTAACTA
133701   GGGAGAAATC  CTCCCACTGG  GAGCTGCCCC  TTTTCCCAGC  CTCTGTTTGC
133751   ATTATTTATA  AACTCAGGGC  TGGATTCCAG  AAAGCATGGT  CCTTAGGGAA
133801   CACAGCTAAC  TTTCAATTCA  GGCTTAGGAA  CCTTTGTGAA  TACCTGTCCT
133851   TTCAGCCAAC  AGGAAGTCCC  CTGGGACACA  GGTAAAGGAA  GCAGGATTTC
133901   TTTTCATATT  GTCTTTGAAC  AATGAGTCCT  GTGGGGTAAT  GCATGGTTGT
133951   ACAGAAATAG  ACTGACCCAT  GAAACACAGC  CCTGTTTTTA  CAGCAGCTGA
134001   ATCACTTCCA  CCCTCCCGTT  NTGTGCCTGT  TTACATTTCT  TCCCCAGCTA
134051   TCTTTCTCCT  TGATTGCATT  TGGAACACCC  TGGGGCTCTT  CTGATGAAAT
134101   GTTTCCTTGA  ATTTTATCAC  CTATCCTGTC  GTCATAAAGA  CTTTCCAGGG
134151   TAACAGTTTG  CAATATCATC  CATACACCCT  GACACAATGC  CCCAAGGTCT
134201   AGTCTCACTT  GGGAAACAT  AAGTATTTTT  CATGTTCAGA  GAAAAGAGAT
134251   AAGACTTGAG  AGGGGAATGG  CCCTTCACCA  AATCTAACAA  GGTTAGGGAG
134301   TGTATTAGTC  AGGGTTCTCT  AGAGTCACAG  AACTTACGGA  TAGTCTCTAG
134351   ATAGTAAAGG  AATTTATTGA  TGACTTACAG  TCGGCAGCCC  AATTCCCAAC
134401   AATGGTTCAG  TCGCAGCTGT  GAATGGAAGT  CCAAGGATCT  AGCAGTTACT
134451   CAGTCTCACA  CAGTAAGCAG  GCAAAGGAGC  AAGAGCTAGA  CTCCCTTCTT
134501   CCAATGTCCT  TATATTGTCT  CCAGCAGAAG  GTGTAGCCCA  GATTAAAGGT
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51

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134551  GTGTTCCTTA  AACTCGGAGA  TTTAATCTTC  TGGAATCCAT  AGCCACTATG
134601  GCTCAAGATC  TCCATACCAA  GATCCAGATC  AGAAACTTCT  ATCTCCAAGC
134651  CTCCAGATAA  GGGTCACTGG  TGAGCCTTCC  AATTCTGGAT  TGTAGTTCAT
134701  TCCAAATATA  GTCAAGTTGA  CAACCAGGAA  TAGCCACTAC  AGGGAGTGTC
134751  CTGTGTTCTT  TCATAAGGTG  GTCAGTCTGG  GACAACCACA  ACAGGAGACC
134801  GAAAGGGGGC  TAAACAGAGT  TGGTTTTTTT  TCCCAGATTC  TGGAGACAGA
134851  GGCATAGAAT  GCCACCATTA  CAATGTCACA  CTATTTCCAC  AGTGTAGTTN
134901  TGTGTGTGTG  TATGTGTGTG  TGTGTAGCAT  GTGGGGGTCA  TACCACATAC
134951  TCAAAACTTC  CATTTTGTTT  GAGACAAGGT  CTCTTGTTTT  CCTGTTTTAT
135001  TAGGCCAATT  GGCTCATGAG  CATACCAGGG  GTTCTCCAAT  CTCTGCCTGC
135051  CATCCCTCCA  TGGGAGTGTT  GGGATTACAG  CTGACCCTAC  AAGTCTAGCT
135101  TTCCCTTTGG  TTCTTGGGAT  TCGAACTTGG  ATCCTCCCAC  TTGTATGGCA
135151  AGTGCTTTTA  CCCACTGAGC  CCTCTCCCTA  ACCCTGTTT  AGTTTAGTGC
135201  AGCATTTCAC  CTGTTACAAG  AACCTGTGGT  ATACACAAAC  ACAAGCCACA
135251  AATTACTAAC  TGAAATTTCT  GTGATTCCAT  ATATCAGTTA  AATATTTTTA
135301  TATTGGTATT  ATTTTTTTAA  ACAAAAGTAC  TATAGAATAT  AAGGAAGAAT
135351  GGAAATATTT  ATGCTAATAT  TTTTAAAGGG  TTTGGGATTA  AACCTCATGC
135401  CTTATGTACG  CTAAATTCTA  CTACTGGACT  ATACCCCTAG  CATAATTTAA
135451  AGGAAAGGAC  TTTCTATTTT  AACATGCTCA  TTTGTGCTGT  TATCTTGCTT
135501  TTTAAATACT  TATTCAGAAG  TACTGAATAA  AAAAAAAGGA  ATAAAAATAA
135551  AAGGACATGG  CCACTCCTAG  GTATGGGAGA  GAAGGAGGTT  TATTGTAGAT
135601  TAACAGGAGA  ACATAGTCAG  AGGCAGAGAC  ATCTGGGAGA  CTCCAGAGTG
135651  AAGATGCTCC  GTACATCCAG  GCCATGTGGT  GGGGAGAGGG  GGGGGAGGAG
135701  AGTGAGGAGA  ATAAAGGGTA  GGCAAAAGAT  GAAATGTAAC  CAAAATGGCT
135751  GGATTATACC  AGAAAGAGGC  AGCTGAGGGG  AAGATCCACC  CAGCTCCAGG
135801  GCTGGAGAAG  TTTAGGGTAG  CAGGTAGGGT  ATGGCAACCA  TTCTCTGTAA
135851  CAGATAGGGA  CTGAGGGATG  CTGGGAGAAT  TTGGTGACCT  CCTTGATGTA
135901  TTAAACAGGT  GCCTTAGTTA  GCCACTCGTC  CCAGGTTTGA  GACCTAACAA
135951  GGACCTGGAT  TTCCCTTTGC  ATTGGGCCCC  ATGAATAATG  TAAGGGCTAC
136001  CTCCTGGCTG  CTACAGCTGT  TCTGTTTAAG  AAAAATTGTC  AGGAAGCACT
136051  GAAGTGGTTG  CCTGGACAGT  GATGATGTCA  GCTTGGCTAT  AGCTCAGGGA
136101  TCCTTAGTTA  GCTGGACAAG  TGTTATTTCA  AGGTGTGTCT  TCGAGGGCAG
136151  TTCTGGCAGA  GATTAGCATT  AAAAATCAGT  AGATTAAATA  CATAAGATAG
136201  TTGTCGGTCA  TAGGGCAAGC  ATCATTCAAC  CCTCAGAGAG  TAGGACCACA
136251  AGATAAAGAT  GGAGGGAGGG  GAAATTCACC  CTTCCTAGCT  GGACCATCCA
136301  TCTTTTCAGC  CCACAGATAT  CAAAGCTGCT  GGTTCGTAAG  CCTTCCGGCT
136351  GCTCTAGGAG  TGACATCACC  TGCTCTTTTG  TCTTTACCAC  CTAAAACCTG
136401  TCTAGTCTGC  CTTAGCTGTA  AAACGAGTGG  TTAGCAGAAT  ATTTCTAATA
136451  GTAGTTGTGA  AGACTGAGAG  TATTGTGGCT  GTTAAATATG  AAGCCGTCAA
136501  TAGGCATTAG  CCATGTCAGT  ATCCCAAAGC  CCTTAGTTCA  CTTGACTCTT
136551  CACGGCTGAA  AGTGTGTGTG  TGTGTGTGTG  TGTGTGTGTG  TGTGTGTGTG
136601  TGTACAGCAG  TGAGATAACA  GGAGCTATGC  AGTAAGAATA  GGTTCACGTA
136651  TTTCTCTGCA  GGAGGCTAGT  CATGAGCTCA  GATCTGTTTC  TCATATTGCC
136701  TGAAAAAGGA  CAGAAAGTCC  ATCTTATATA  AAGTTTGTGA  GACTTTCTAG
136751  GTGTGGTGGT  TTAAATGGGT  TTGGCCCCAT  AGATTCATGT  GTTTGATGCT
136801  TGACCATAGG  GAACGACACT  AGGGAGGAGG  TATATAGCTT  TATTGGATGA
136851  AGCGCATCAC  TGTGTAAGTG  GGCTTTGAGA  TCTCCTACGC  TCAGGCTCTG
136901  TCCACTGTGG  ATGAGAGCCT  CCTCCTGGCT  GCCTGAGGAA  GGCAGCCCCC
136951  CCTCCACTGC  TTGCAGATCA  AGATGTAGAA  CTCTCGTATC  CTCTAGCACC
137001  TTGTCTGCCT  GTGCTCTGCC  ATGTTTCCTG  CTATGATGAT  AATGGACTAA
137051  ATAAGCCAGC  TTCAACTACA  TGTTTTTCTT  TATAAGAGTT  GCCTTGGTCA
137101  TGTTGTTCTT  TACAGCAATG  AAACCCTGAC  TAAGACTCTG  GGTAACCTGT
137151  GGGGACAAAT  TGAGAGTTTT  TCTTCCTCGT  TTTCTCTTTA  TTCTAACCAT
137201  CACCCATATT  CATTGACCTA  GTTATTACTA  GTTGTCCTAA  AGAGCACATA
137251  GAAAGGGCAA  GGCATTTTAC  TCTTCTGTTT  CTCAGAGATA  AGTGTTTACT
137301  AACTTAAAGA  CACACGTAAA  AGCAATGTCA  TGGTTGTGTG  TTTTGTTCCT
137351  TAAGTGGAAG  CAGGAAGGAG  ACAAAAGGGT  TGAGAAACCT  GTGTATATGT
137401  GTAAGGGAGG  GGAAATCACT  ACTTAATAAA  GAAGCCTGCC  CGCCACTGTC
137451  CATTGTGCTA  CTCAGAGCAG  CCAAGGTGAG  GAAACCACCC  ATGAGTCCAT
137501  CCATGGACAA  ATGGATCAAG  AAAGTGTGCG  CACACACAAT  GGATTATTAT
137551  TCCACCTTAA  AAAGAAGGAA  GCCCTGGGTT  TGACACAACC  GATGGACCAT
137601  TTGTGACACG  GAGGAAAGGC  AGACACAGAC  ACACCCACCG  TGTGAGACTC
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52

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137651   ATAACAACAG  ACAGGACAGG  GTTAAGTCTA  GCTGGACACT  AGCTGCCCAT
137701   GTGAACTGTT  CTTCAGCTGC  CATTTTGAAC  TGGTAAACCA  ATCTGTGGTT
137751   GTGAGTCGGA  AACACGGAGG  AAATGGAGAG  GATTTTCCCT  CCTTCCTTTT
137801   CCTTTTCCTT  TCCCTCCCTT  TCTCCTTCCC  TCCCTCTATT  ACTTTCCTTC
137851   CCTCCCTTCC  CACTTTCCGT  TCTTTTTTCC  TTCCTTCTAT  CTTCATTCCT
137901   TTTCTCCTCC  TTCTCTACTG  CCTTCTCTTT  CTTCCTCTCT  GTATAACCCA
137951   CACTGCTCTG  GAACTCATTA  TGTAGCCCAG  GCTGCCCTTA  GAAGCCATGA
138001   TCCTCCTGCT  TCAGCCTCCT  AATATTGGAT  TACAAGTACC  TTGTCTGCCT
138051   GAGAGATTCC  TTGAAGTTGG  TTGTCATATA  AGTCTGTCGC  AGGATTTTCC
138101   CTGTCCAATC  ACGTTAGGGC  AGTGGGAGGC  CCGTGATTGG  ACAGAGAAAA
138151   GGGAGGCAGT  GCTAAGAGTT  GCAGAGAGAG  GAATCTGAGA  GGAGGAGGGA
138201   GAAAGGAAGA  TGGTGGTAGA  CATTAATCTG  TGTGGCTATG  ACCAGCCACA
138251   GGTTGTTAAA  CCATAAGGTT  AGACTAATTG  GGATAAAGCT  TTATCATCAA
138301   TTGTCTCTTA  AATTATTGTA  TTGGCATCTT  ATAAATTGTG  ATTTTATTGA
138351   TATATAAATC  TGATTGGTTA  ACTATAAGCT  TAAGAGATTT  GATTTTACCA
138401   GGTGAGTGGG  TATTGTGATT  TCTAACCACA  AGGTTGGTGG  TTCAATTTGA
138451   TTACTGGAAT  GTGGGACACC  TGATGACAGG  GTATTATAGC  GGAGAGGGAA
138501   CTAGTGGCTC  CCAGGACAAA  CGAACCAAGA  TGTTGCAGGG  GCTAGCTGGA
138551   GAGAGTAGCT  CGGCTGCGAG  AACAGATGGA  GTGGTACCTC  ACTGAGACAA
138601   AGGGCTGTGG  CCTACCAGAG  ACAGTACTAG  AGCAGGAATG  TGGCCCGGCA
138651   GGGCAGGAGA  GTTGGCGGGT  TTATATATAT  ATTTCTTTCG  TGAAATATAA
138701   GTAAGAGAAA  TTACCAATAG  GAACATGACT  AGGTGAAGTT  GACTGTATGT
138751   CTGAGGATGC  ATCTGTGGCT  TTGGTAGATT  AATGATGGCT  ATGCATCCTT
138801   TGACATTCTT  CTCACTGAGA  AGTAGGACCT  GTTTCTCTCC  TCCTTGGATC
138851   TGGGCTGTGA  CAACTTTAAC  CAGGAGACTG  TGGCTGAAGG  GATTGGGAGG
138901   TTGTAGCATG  AAATATAAAA  AAAATCAATC  CATGCTATCG  CCGGCAAGGC
138951   ACTGGCCTGC  TTTCATCTCA  TGGAAACTCT  GACCCAGAGC  TCCGAAATCT
139001   CTCCATTCAG  CTCACTAAGT  TCCCACTGGC  GGGCCATTAC  CATGCTATCC
139051   CATGCTTTCA  AATTTCCATG  GCCTTTTGGG  GTGCACTTCT  TGCAAACCTA
139101   CACTTTGCCA  TTGTACCTTT  AGCCCTGGAA  CCCAGTTGAG  GCGGCTCGTG
139151   AAGGAAAACA  CCACACAAAG  TTCCGAATCA  ACAGGTAACT  CAATTGCCGG
139201   GCGCAGCAAA  TCCTGGCAGA  TCCGCCATCT  AAACTGGGGG  CCTCTTGTTA
139251   GCTACATTCT  GTCCTCCAAG  CTCTCCCCGT  GGGAACTTAG  CGAGCTGGGT
139301   GGAGAGATTT  TGGAACTTCA  GGTCAGAGAG  TCTCCACAAG  ATGAGAACAG
139351   GCCAGTGCCT  TGCCTTGCCG  GTGATAGCGT  GGATTGGTTT  TCTTTAATAT
139401   TTCACGCTAC  AGGAAGCCTC  GGGAGGAAAC  AGGTAGCTTG  CACCTGAGGC
139451   TCTTGAAGCT  TTGAAGTTCT  CTGGCAGACA  TTTTAGTAAC  CTGTTGTAGG
139501   GAGCAGGTGG  AATGCCGGAG  AAGAGGAAAG  TCCCGCTGAA  TGTAGCCTGT
139551   TAGCTGATCC  TGTTAAGAAG  CAAGGGTAGG  AACAAAACCA  CTGGATGAAT
139601   GCTACCAAAT  AGCCCTAACA  ACAATTGCAT  AATTAATTCC  CTGGCTCAAC
139651   TGATGGCTAA  ACTAGAAAGG  GAGAGCACCC  CTCCTAATTG  TTGCGTGGAT
139701   AGAACCTTCC  TTTTTCTGTT  TGTGCAGTCT  GCGTCTTGAG  GTCATTAAGA
139751   ACAATCAAGG  AGGGTCATAC  ACCACAATGC  CTTCCTGCCT  TTGCTTCTTT
139801   CAAACAAGCT  GAATCATTTC  TGCTTCTAGT  TGTGTGGGTG  GGTAAGGTGG
139851   GGGCCTGTTT  GGGCAGAGAC  AATATCAATC  CATATGCCAC  GCTTCCAAGC
139901   ATCTATATTA  CCATTATGTA  GAAGAAAGGA  GAAACACAGA  AACATTTATC
139951   ACTTTTAATG  GCTTGCATCT  TATCCTTATT  AAATCAAACA  CAATTTTTGT
140001   CTTAACTTTC  GTATCCTCTC  TCTGTTCAGA  ACTGTATACT  TCCTGTTTAG
140051   CTGTCATGCT  GGTTGGACGC  ATGCCCACTC  ATCAGCATAA  AGGACAGGAA
140101   GGGAACCCTC  CTTTTCTGGG  CTAATGGCTG  TATTTACTTT  TTTAAATTAA
140151   GATGTAGCCC  AGCCTTTTGG  CAGATTGTTA  TCAGAAAGAA  CAGCTTAGCA
140201   TCAATTATGC  TAAGACAAAA  ATCATTATAT  TTAGCAGTCA  TTGTCTAGGT
140251   TTTAAAAGGA  CTTTATTAAA  TAACCCAAGA  TAAAAACTTA  GTTTATTCAA
140301   CTACTTGGTG  CATTTGCTGG  TAACTCATCC  TGGCAGAAGC  CCGATGACGC
140351   AATTGTGCTT  GGAGAGAAAT  TCTCAATAGA  ATTCATAGTG  AAGTTCTTTT
140401   GTGGTCAGTA  TGAGCAATGG  ATAGAAGGAA  TGTTCCGGGA  CTCTTGTGGG
140451   CATGTAAAAT  TTCTCTCCAT  ATATTTATAT  GATATCAAAT  TCTATGCTTT
140501   TCAAATAGGT  AGCCATATTC  CAAACAGGTT  TATACGTTAT  TTATTGTTCA
140551   CTGAAAAACA  TCTTTCCATT  GGGAGTTGTA  GCTCAGTGAT  AAGAGTGTTT
140601   TACCAGCATA  GGTAAGGTCC  AGGGTTTAAG  CCCTGGTAGC  TACTAATACA
140651   AAAGAATAAT  ACTCTGCAAC  CATTGAGTTG  ACTGTGTATC  TTAGTTTGGT
140701   TTTTTATTGC  TGTGAAAAGA  CACCATGACC  ACTGCAACCC  TTATAGGGGA
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53

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140751   AAACATTTCA   CTGGGGCTGG   CTTTATAGTT   TCTGAGGTTT   AGTCCATTAT
140801   CTTCATGGCA   GGAAACATGT   TGACATGCAG   GCAGAGAAGG   AGCTGAGAGT
140851   TCTATATCCA   GATCCTCAGG   CAATAGGAAA   AGACAGTGAC   ATATTTCCTC
140901   CAACAAGGCC   TCACCTACTC   CAACAAGGTC   ATTCCTCCTA   ATAGTGGCTC
140951   TCCCTATGGA   CCTATGGGGG   CCATTTTATT   CAAACCACCG   CAGTGAGTGT
141001   TGGAAAACAT   CAGAACATTT   TGGCTCATTA   CCCTGTTCTA   GCACAGGCTG
141051   CTTCCATTTC   ACTTCTCTTG   AATAAGAATC   TAAGGTTTGG   CTGCTACATT
141101   ATTTTTTCTC   TGTCTCCCAC   ATGGTTAGGT   GGAGGGTCTC   ACTGTCCACC
141151   TGCACAGTGA   CACACTTCTT   CCAACAAGGC   CACTCCTCCA   AAAAGTGCCA
141201   CTCCCTGGGC   CAAGTATATT   CAAACTACCA   CAAATACCAT   GAGCAAAGT
141251   AATTTGAAGA   GAAAAGGGTT   TATTTGGCTT   CCACTTCCAA   ATTGCAGTCC
141301   ATCATTGAAG   GAAGTCGGGA   CAGGAACTCA   GCCAGGATAA   GAACTCAAAG
141351   AGGGAAGAAA   CCTGGAGGCA   GGAGCGGATG   CAGTTTATGG   AGGGGTGCTA
141401   CTTACTGGGT   TGCTCCTCAT   GGGTTGCTCA   GCCTGCTTTC   ATAGAGAGCC
141451   CAGGACCACC   AGTCCAGGGG   TGGCCCCACC   CACAATGGGC   TGGGCCCTCA
141501   CACATCAATC   ACTAATTAGG   AAAATGTTCT   ACAAAATGCA   GGCTTTGCCC
141551   ACAGCCCAAA   CTTATGAAGG   CGTTTTCTCA   GTTGGGGTTC   CCTCCTTTCA
141601   GATGACTCTA   ACCGCTGTCA   AGTTGACCTA   AAATTAGCCA   ACACAATATA
141651   TACCCACATG   TCTTAGTCAG   GGTTTCTATT   CCTGCACAAA   CACCATGACC
141701   AAGAAGCAAG   TTGGGGAGGA   AAGGGTTTAT   TCAGCTTACA   CTTCCACATT
141751   GCTTTTTATC   ACCAAGGAAG   TCAGGACTGG   AACTTAAGCA   GGGCAGTGGA
141801   CAGGAGCTGA   TGCAGAAGCC   ATGGAGGGAT   GTTCTTTACT   GGCTTGCTCA
141851   GCCTGCTCTC   TTATAGAACC   AAGACTACCA   GCCCAGAGAT   GGTCCCACCC
141901   ACAAGGGGCC   TTTCCCCCTT   GATCACTAAT   TGAGAAAATG   CCTTACAGTT
141951   GGATCTCATG   GAGGTATTTC   CTCAACTGAA   GCTCCTTTCT   CTGTGATAAC
142001   TCCAGCTGTG   TCAAGTTGAC   TCAAAACTAG   CCAGTACACC   ACATATGTCT
142051   ATATCATTTG   AGAGATGAGA   TCTATCACTA   AACCACAAAT   GCTATTTTTC
142101   TTTTACAAAA   CTAATTAATT   ATTTTGATAT   GTATGAGTGT   TTTGCCTGTG
142151   TGTGTGTCTA   TGTACCAGAT   TCATGCTTGG   TGTACACAGA   GGCCAGGAGA
142201   GGGTGTCAGA   TCCCCTGAAA   CTGGGCTGCA   CGTGGAAGCA   GAGACTGTAT
142251   GGGATTCTAT   GCAATATGTC   AAGAAAATAA   GGGGTGGTGG   TGGATTATAT
142301   AGTAGGAAAT   ATTAATTTTC   CTTCTTGCCT   TAGGCTATTT   ATATTCTCAG
142351   ATGAGAGACA   GCCTTAGATT   GTTAAATGGC   CTTAGGCAGC   ACAGTAGCTG
142401   GGCAGCTGCC   TACCCGCCAT   GCTATTAGAA   TCTGCTTTCC   TATTGATAAC
142451   CCCAAGTTAT   CACTCAGTAT   TTACTACATT   CCATCTGGGC   TGCTCTTAAC
142501   TCAGTTGGGT   AGCCAGCCCT   CTGGGCCACT   TTGTCCTGGC   CCTTAGCCCG
142551   TGACAGCTCA   CTTTCTCCCT   CCTGCACGTT   CTTCTTCTTC   TTCCATGGCG
142601   GCTTCCCTTC   CTCTTCTTTC   CCACCTCGAG   GTCCTCTTTC   TACCAAGCCC
142651   ACCCTATCTA   TGTCTCTTCT   GTCCAGTTAT   TCGGTGTTGG   CATCTTTATT
142701   CACCAATTAG   AATTAACGTG   GGGTGGGGCA   GGGCCGGGGC   AAGGTCCCAG
142751   GGGCTATCGG   CAGACACCAG   GTCTTGGGGG   CCAGCGCTTA   GCATTATAGC
142801   AGATAGTAAA   AGACAAAACC   TCAAGTGTTG   TGACTCAGAC   ACAGAAGTTT
142851   TCCGTCTTTA   GTGACTGTTG   ACAATCCCTT   TACACGCTGG   TCCTTCACAC
142901   ACTTTGCACT   TCTCCATTTC   CCAATCTCCC   CGCTTCTTTC   TCCTTCCCTT
142951   CCTAAACTGT   TATGTAGCTG   CCAGTGGACA   CGGGTCACTG   GGTTCCTGAA
143001   AGGAAAGCCA   GGATTGGATG   GGGAGGACAC   CAAGAGACAA   AGAGCCAAGA
143051   CAAAGTTCTC   AGAGCAAGGC   TCAATCTTTA   ATTGTAGGGT   CTGATTTTTA
143101   AAGGGGGGGA   CACCCATCCC   CCACTATGCC   AGGATCTTGA   TGTCACTTCG
143151   GATCTCATCA   GGAAAGCTAG   CTCAGCTGCT   CAGCGGGTAG   GTTTTTGTAG
143201   GAAACTGGCA   GACAAAGAT   GTTACCTAGG   TCAGAAGACT   CCACCCTAGG
143251   TGGGATAGCC   TACTGTGGCA   GAAACAAAGT   CTGATTCAGC   CCACCTAAGA
143301   CTGGGGAGAA   GGGCACACTA   TTACATTTTT   AGTCTTCTTC   AGTCTGTGAC
143351   AGTTTCTATC   TAGTTCTTGC   TGCCTCTCGA   CCTTGACAGT   CTTAAAAAAT
143401   TTTGTCAGGT   GCTCAGCAGA   TTTTTTTTTT   CTCAATTTGA   ATTCGCATGA
143451   TGTTTTCTGC   TGTAATGATT   GAGGTTACAA   ATTTTGGCAG   CAATATTTTG
143501   GAGGGGAGAC   ACCCTTCTTA   TCACATGAAA   GCAGGTGATA   ATTATAGAAC
143551   TTTTTGTTGT   TATTTTGAGA   CAAAGTCTCT   CTGTGTAGCC   CAGGATGGCC
143601   CCTGGAATTC   ACGATTCTCC   TGTTGTTATT   TCTCAGGGTG   CCAAGCTTAT
143651   AGCAGGCTTT   AGAGACTACA   GTGTGCTTCT   TCCAGACTTT   CACTGGTGAT
143701   CTTTAACCGT   CATTACTTGC   TTAAGGATGT   AACTTGCCAT   CTTGTTGAGT
143751   TTGCTCTGCA   CCCCTTTTCT   TACATTTTTA   CACGTCTTTT   TTTCTGTTAA
143801   ATGTGTGTGA   TTTTTTTTTT   CTCTTATTAT   TCAAGAACTT   AGAAGGGCCA
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54

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 143851   GGAATGGTAG  CACTCACCTA  CAAGTTTGAC  TACCAGCGAG  GCTAAAGCAG
 143901   GATAATCACA  AGTTCTAGGT  CAGTGTAAAC  AACTTGGTGA  GCTCCTTTCT
 143951   CAAAAAACAA  ACCAAACCAA  ACAAACAAAT  AAAAAACCAA  GCAAACAGGA
 144001   AAATGGAATT  TAAAAAAGGA  GGCCTGGGAC  TATAGCTCAG  TGGTAGGGTG
 144051   CTTTCCTGGT  ATTTGTGAGG  ATATAGGTTC  AATTCCTAGT  ACTGAATACA
 144101   GCAAAGTTTA  AAAGTATCTT  TTATTCGGCT  GATGTAATTG  TCATCTTGGA
 144151   GGTCTACTGC  CTCAGTGTGC  TAACCCGGGC  CTTGTCCTGG  AAGCTTCTAG
 144201   GCTCCATAAA  ATCTTCTCTA  GGCCTAGAAT  GTTTTAGCCT  GAGACATAGA
 144251   ATAGGCTCAT  CCTTTCTAGC  TCTTTCTGAA  CTCTGATTGG  CTGGTTCAAC
 144301   TCTGCTGTTC  TGGCTCAAAC  TCCTCTCCAA  GATGATTCAA  ATTGGCTTCT
 144351   CTCTCAGTCT  GACTTGTTGC  TGTGCTTGGC  CTCAAACTAA  CTCTGGCAAT
 144401   CTGTGTTGCG  GTAAATCTCT  AACCCAATAT  GCCCTGGGAC  TGAAAACACA
 144451   ACTCAATTAA  TATGAATACA  TGCTGTGAAC  CTAGACTGGG  CAGATCTACT
 144501   GCTACTTTAC  CATCTTCCAC  ATCTATGAGA  CCCCTTAGAA  CTTGTGATTT
 144551   CCCCAGGCCA  TGTGCTTCTG  CTCTGCTTTT  CTTCCTTATC  CTTCTCCCCT
 144601   GTGTCCTCTC  CCTCTTCCAT  TTTTCTCTTT  CTTTTTCTGC  TCCTTTCACT
 144651   CTACCTTCCC  TTTTATCTGC  CCAATCATCA  GCTCTCCTTT  ATTTTACACT
 144701   TTAAGGTGGG  AAGCAGGTTT  ACAGGAAATC  ACCTGAGTGC  TGACTCATTC
 144751   CTTGTTCACA  ACCCCTCACA  GGAGAACAGA  GTGAACATCA  AATATAATTA
 144801   GCCCCAGGGC  TATCCACAGC  AAATCTGTTT  TAATCTTCTG  TCTCCTCCTT
 144851   CTCTGGCTCA  TTCTGTATTT  ACCTGTGTCT  AGCTTGTCCT  CTCTCTGCAA
 144901   ACTGTCCGGG  TAAAATTGTC  CTCTTTCCTT  CTTCACGGCT  TCCTTTCCTC
 144951   TCTCCTCTTG  TGAGAGTTGG  GCATATCCAA  TTCTGTCCAG  TCTTTCTCTG
 145001   ATTCGTCACT  TTGCCACTCA  ACTAGATATC  ACTTTCAAAC  ATGGGTGCTT
 145051   CATTTTTACA  AAGTAACTTT  ACCTCCACTG  TTTGGGATTA  AGGACCTGTT
 145101   TGTATTCCAG  CAAGAGGGAC  TGAAGCTGTG  TGCTAAGGGC  TGAGCCACAC
 145151   CACAACTAGA  AACAGATTTT  TTTTTTCAAT  AAATAAGAAA  ATCTTGGGGT
 145201   TCATAGTGTG  ATCAAGTATC  CGGCAAAGTA  GGAAGATTCC  CTCCTCTGAG
 145251   CTAAAGGTTT  AACTCTCCTC  TTCCTATAGT  TGTGTATTTC  AGTATGTTTT
 145301   TGTTTTTTCT  CCTGGCCCCT  GCTACTGAAA  TAAAAATTCT  GAGATTCAAA
 145351   CCTATTTACA  AATACCTAGT  TCATTAACTT  TGCCTGTTCC  TTGACTCACA
 145401   AGAAACATTA  GCTCATAAAT  TAATTACCCC  ATTATTCTAT  TCTAAATCCT
 145451   GCCATATGAC  TGGTTACCTG  GTCCTCAGGT  TTTTGCTTTG  GTCTCCATCA
 145501   GCATTCTGGG  GTCATTCTCT  CACCTGTCTC  TGTCCCAACA  TATTCTCTCT
 145551   CTCTCTCTCT  CTCTCTCTCT  CTCTCTGCTG  GATGTCCCAC  CTTTTAACTT
 145601   CATGCCTAAG  CTCATTGGCC  AATCAGCTTT  TTATTGACAG  GTCAATGTTT
 145651   TTATACAGTG  CACAAGAGAT  TTATCTCTAT  ACTCATTTGG  ATGATCACCG
 145701   AAGCTGTTGT  TGACAGTTAT  TCACCTTTTA  TTGTTTTCCT  TTTTTTAAAG
 145751   ACCAATGATT  CTAGAGCTAA  AGATAATGAA  GGACCCTCTG  TGTAGCTCAA
 145801   GCTTGTGCAA  GGAGGTGACA  GTTGGGTGAT  TCACTAGCAA  TATTTTGACT
 145851   GCCATTAGAA  GAATAGAGTC  AATCATACAT  GGTTGTGTGG  TGTACTGGAA
 145901   AGAGCAGGAG  ATCAGAGGGA  CTTGGTTAGA  ATTTAGGTTT  TACTCTGTAT
 145951   TGGCTGTGAG  ATTTTGGATG  ATACAATTGA  CTTTCCTGCT  TCTCTAGACT
 146001   GCAATGATTT  GAAATGCTAA  AAAGAATTCC  TACCACTTAC  ATAAAAACAC
 146051   TGTCAGTAAG  ACAGCTAGTG  CCTGCATAGA  AACCCTGGAG  TATATTAGCA
 146101   TTGTAAGTTT  GCACATACAG  TTGAAAGGTG  TTGAGGAAGG  AGATTTATAA
 146151   GTGTCTACTG  ATATGTTTAT  AGATATTTTA  TTTTCAACTG  GAGGTACTGG
 146201   TAGAAATATT  CTTTTTCTAT  TGTCAAAAAA  TTTTTTTAGC  ACACACATCC
 146251   TTTTTGTTAC  ATGTCACCCA  ACTAATTAAT  GAGTTTATTA  ATTGTTTTAT
 146301   TTTATGAAGT  AATTTGTGCA  TGTAGGTGTA  TATTACTGGG  AGTTGAACTC
 146351   AGGGCTTAAC  TGCTAGATTA  ACTTTTGACT  AGCTTATTAT  AGTCAGGCTC
 146401   TCATGGAGTT  TTTTCTGTTA  AGATTCAACA  ATTCATTTAC  TCTTTCACTT
 146451   AGATAACGTA  GATCACCTGT  TCTCAACCTG  TGGCTCTGTA  ACAACCCTTT
 146501   CACAGTGGCA  GTGTAAGACT  TATCAGAAAA  CACAGATGTT  TACACTAGGA
 146551   TTTATAACAT  AGCAAAATTA  GTTATGAAGT  AGCAACAAAA  ATAATTTTAT
 146601   GGTTGGGGGA  CACCATATTA  CAAGGTCAAA  GCATTAGGAA  GATTGAGAAC
 146651   TACTGCCTTA  GAGTTTTTAA  ACCACTCTCT  CTCTTTTTTA  ATGTAGGAGA
 146701   GTGTGCCTCT  TTTCCCACAG  CAAACATGGC  GGAACAAACT  TCAACCTGAC
 146751   GTCTTGCGCC  CTCAACAAAG  ATGGCTACAG  CACTTCCTGC  TCTTGCCTTT
 146801   AACAAAGATG  GTCGCAATAC  TTCCTGTCTA  GGACTTTTGC  CCTCAACAAA
 146851   GATGGTCTTT  ATGGTACAGG  TTCCCTAGCA  GTCTGGATTC  CGGTTGTAGT
 146901   TTTAGTTATT  CTTTTTTTTT  TTTTTTTTAA  ACGGTACGTG  GTCGCAGACG
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146951  TAAGTAAGAT  GACTCCATCT  TCTCTCGCTG  TCCCCGCGCC  GTGGCGACAT
147001  CGCCCCTGCG  CGGCTCTCCC  GGGGGCTGGA  CCGGGGTTCG  GGTGGCGGTG
147051  CCGGGGGTCG  GTTTCCTCCG  AGAGGACAGT  CTGCGGCTTC  ATTTACCGTG
147101  AAAATCGTCG  GTAGCTCTAA  CTGTGCCACA  ACCACGGCTT  TCAGCTGCCG
147151  AGACAGGGAA  CTTTTTACAA  GTTCCAAATG  GAAACACGCT  GCCAAAACAA
147201  AACAAAACAA  AACGGTCACC  CACGCCCTCC  TCACCTGCCA  CCTCCCGATT
147251  TGGCGGAAGA  TCGCGAGCAA  GGCTGGGATC  CGACGTCCCG  CTTGTGTGGG
147301  CTGAGGGTGG  CAGAAGCCCC  GCCCGCCACC  CTTGCTCCCC  TTGCCTTCAT
147351  TGCCACCGCA  AGCCACCCCG  CAGCACACTA  GCGACCTGAG  CTCATTCAGT
147401  GTCCCATGCA  TGCGTGCTCA  CGGCCCTACT  GCGACCCACA  TTCCGAATTC
147451  TTGTGAGGCT  TATCGGTAAA  GGCACACAAA  CACTCATTTT  CTTGAGGGTG
147501  CTTGTCCTTT  CTTTGAATGC  TCTATAAACT  TCTTTCCTCC  GGACTGTCTT
147551  CTATTGCTGG  TCAGGGTCTA  TAAATAAATG  TCCCTGGTGC  TTTTTAGCAG
147601  TTTCTAAAGC  GTGGGTGCTG  GACTAACTCT  GGCAAAGCAA  TATTGAAATC
147651  CACTATTTTC  TAGCATTTAA  TTTTATATAA  TAATATAAAT  AGATTAATAA
147701  ATCTGTAATC  CTTAGGGATT  GCATTTTAAG  TAAGGGATCA  GATCTGTTTT
147751  CTGTTGGCTC  TCTTACTGCA  CAAGGAATTG  AAATAGGGCC  CCATTATCGT
147801  GAGAAGCAGA  GGTAGAAACA  TCCATAATGA  GTGTCGTTCA  TTATGCCGGG
147851  AAGTGTTTGA  AATATCCGTG  GTTTGGCTTA  ACAGCCGCTT  AGGAAACACC
147901  GTGGCTCAGC  AGCCTCTTAA  GATATAAAGA  CCTGACTGAT  TTTTGAGGTG
147951  CTCATTAATG  AGTTTGCAGC  AATACACTGA  CTTTGGGGGG  GGGGGTGTCC
148001  ATCAGCATTC  CTGAAACCTA  GGTGCTCATT  TTGGCTCTTT  CCAGGAAGAA
148051  ATGGAAGCCA  GAGACAAGCA  GGTACTCCGC  TCCCTGCGTC  TGGAGCTGGG
148101  TGCCGAGGTA  CTGGTGGAAG  GACTGGTTCT  TCAGTACCTT  TACCAGGAAG
148151  GAATTTTGAC  AGAAAACCAC  ATTCAAGAAA  TCAAAGCTCA  AACCACAGGC
148201  CTCCGGAAGA  CAATGCTGTT  GCTGGACATC  CTGCCTTCCA  GGGGCCCCAA
148251  AGCTTTTGAC  ACCTTCCTCG  ATTCCCTCCA  GGAATTTCCC  TGGGTAAGAG
148301  AGAAGCTGGA  GAAGGCGAGA  GAGGAAGTCA  CAGCCGAGCT  GCCTACAGGT
148351  AGGCCCCAAA  GAGATGCCCT  CAAAACAGCT  CTGGAAGTGT  TGCAACCATG
148401  CCCAGTGGAT  TGGAATGTGG  TCTTTTAGGA  GGGACCAGGG  CCACGAGCAT
148451  GGGCAACGGT  TTGGATGCAG  AGGGCATGGC  GTCGGAGGGT  CAAGACGAGG
148501  AGGCGGTGTT  AGGAAACTCG  AGGAAGGAAG  GGAACATGAA  CCCTGAGGCT
148551  GAGGGGTTAA  GGAGGGAACT  GAGAGTACAA  TTTAGACATG  CTTCCAGGGG
148601  AACTTGGCAA  GTCACATGGG  AGGCTTGTTC  TCATCGGAGA  GCCAGGTCAA
148651  TCTGAGCCCT  TTGGCAACAG  CAACCGTTTG  GAAAGCGCAG  ATGGGAATGC
148701  AGGCTTTGGC  CTACTGATAA  CTGATTGTG  GGGTGCCAAG  CTGCCAGCTG
148751  GAGGAGGTCA  GATCATGGGA  GACAGCCTCT  AGGAAGGCAT  GTCCTGCACC
148801  TGTCCCCACA  GCCAGCCTCC  AAGGCCAAGG  GGATTATTTT  GAAGCCTGCC
148851  TTTAGTTTGT  TTTTAAAGGC  TGTTGGTGTA  AAGTGGCCCT  TTAAAATTCA
148901  GCTCTGTGCA  GACACCTGGG  GAATTTTATT  TTGCAAGGGC  AGTAATTTGG
148951  GGGTGCGAGG  GGGGGGCGGA  TCTTATTTTG  ATTTTTTTCC  AGGAAAAAAA
149001  ATCCCTGGAA  GCAGTGATCT  GAAAAGAAAC  AGCTTGGTGC  TTGTGAGAGG
149051  AAGGTGCTGC  GGTATAAATC  ACTGTTTTCT  TCAACTCCTC  CCAGATATAC
149101  TGCTCTTTCA  CAAAGATGAG  GGACTGACCT  AGAAAGATTA  ATTTTTTTTT
149151  TTAAATAATA  AAATGGAAAG  TTAACCAAGC  CAAACCAAAT  CAGTAGATTT
149201  CCAGAGTTAA  GAATTCAACG  TTTTCTGGTT  TTCAGTATAG  ATATGGACCA
149251  AGTCAGTGGT  CTCCAGAATT  TATTGTTAAT  GGTTTTTAAA  AATGACTGTA
149301  ACAGAGCTGG  TGTGTGTGTG  TGTGTGTGTG  AGTGTGTGTC  AGCAGCGACA
149351  TTGGTGTCCT  GCCTTTATGG  AGGCAGAGGC  AGGTGGTTCT  TTGTGAGCCC
149401  AGCCTGGTCT  ACATAGCAAG  TTCTGGGATA  GCCAGAGCTA  CATATTGAAT
149451  CCCTTTCTAC  ACTCCCAATT  TTCAAATAAC  TGTAATTGGT  AACAACAACA
149501  ACAACAAAAA  AAATCAAATA  CTACCAGTAA  ATTACTTTTA  TAATTTAAAT
149551  GTAAAACTAT  GGGTCTTATA  TTTTGAATGG  TTCTGAGAGC  ACATATGATA
149601  ATTATTTTTT  TAAAATTAAT  GACATATATC  TGAATATTTG  ACCAGAATGG
149651  GATAGCCAGT  TAATTTAGAA  AGACCTGGTG  AACACTCAGT  GGAAAATCTA
149701  AAAATATCTT  TATTCCTAGG  AGCTTGTCCA  AATTACATGT  CTTTTTGAAA
149751  CCATGAGAAT  GCCGGCCTTT  GAGGACCTCT  AGAATTTTCA  GCTTGGGTTG
149801  TCCTTAGAAA  ATTACATATT  CCATGTGTCT  GAACAAAACC  AGGACCAAGT
149851  ATCCCTGACA  TTTCTACCAC  ATTATTACAA  GCAGAATATA  TAACATGGAG
149901  TTGCGGAGGG  AACATCAATG  AGTTGTGCCT  TTCTGGTATT  CACATCGAAG
149951  GCTCTCCTGG  CCGCACGCAG  TTGGAAATGA  CAAAAGACCC  GAATGCTTTT
150001  CACTCCCAAA  ATGTTGAGTT  TAACCAGGTG  ATTATTTTGG  GTTATATAAA
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56

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150051   CGTTGTCATG   AATTGTCATA   GACATGAGAC   CCTCATTCTC   ACTTCTTCAG
150101   GTTTATTCAG   AGAGCAAGAG   AGAACTAAGA   TATCCTGAAG   ACATTAAAAA
150151   GTTAAGGAGA   AACGGAGGGG   AAAGGCGCTT   TTATATCTAG   CTGTTTATCT
150201   TCTATGTATG   AGTGCTGCAT   CCTGTGTGTC   AGTATGGGCA   CTGCGTGTGC
150251   CTGGTGCACA   TGGAGGTGGG   AAGAGAGGGC   AGGAGCCTTG   GCAGCAGAGC
150301   TGTAGATGGT   CGTGAGATGC   CATGTGAAAG   GCAAAGAAAC   CCAGTACTCT
150351   GCAAGCCCAG   CCAGTGCTCC   TAATGCCGAG   CCCACTCCCC   AGCCTCAAAG
150401   AGCAGCTTTA   TAATGGAAGC   AAAAACCAAA   AAAGATTGAA   CATATCTGTA
150451   TATATGCTTA   GGAAACCAGG   TTTTCCCCAA   GACTTGTTAA   CTCTGTTGAA
150501   GGGTTAAATG   GAAACCTGGC   TTGCCTCACA   ACACAAGTGA   GTGTTGTGAA
150551   TTGTTTGTTT   GTTTATTTTA   TAATTAACTC   TACTAGTGAA   AAAATTCTGA
150601   CCTGGGGCTT   AGATTTATTG   ATTTCTTGGT   GACATCAACC   CATTTTCAAG
150651   TATGACTGTA   GTTAAATCTT   GACTATTTAA   ACTAATACTG   AAAATACAAG
150701   TAAGGTAGAG   ATGAGTGATA   GAGTCAACAC   CTTTCTCATG   CTCACTTTAA
150751   GAAGAGCAAT   GCTCCACGCA   GGGGTAGTGC   TCCCTTTGGC   TGGTGCTTAC
150801   AGATATGGGT   GTTTTTGGGT   TAGTGCTCCC   TTTGGCCGGT   GCTTACAGAT
150851   ATGGGTGTTC   TCGGGCTAGT   GCTCCCTTTG   GCTGGTGTTT   GGAGATATGC
150901   GTGTTCTCGG   CTACTGCGGC   AGTGCCATGC   CTGCCTGTCT   GCTGCCAGGT
150951   TCCTCGCCAT   GATGGTGATG   GATTCTAACC   TTCTAGAACT   GTAAGCCAGC
151001   CCTCAAGAAA   CTAATTCTTT   ATAAGGAAAA   ACAAAAAGGC   GACATTATTT
151051   CTAAGTCTTA   CTAATAAGCC   CTGGATTCGA   GGTTTGTCAG   TCATTCTCTT
151101   CTCTCTTCTT   CATTGGTAGT   TTTCTAGCTC   ACAGGAGTCT   CTTTAAAAGT
151151   TATTATTGAT   TATTGAAAAT   CTATTATGCC   TTAGGGTCTA   GTGGTAAATG
151201   TGTATATCTA   TACATTGTAT   ATATTTTATT   ACATCATATG   CCGTATACCA
151251   TATATTATAT   ATCATGTATT   ATATATTATG   TGTTATTATA   TTATATATAA
151301   TAATTATATA   TATAGTGTTT   TAGGGTTAGG   GTAGAAGTTA   TATATTTTAA
151351   AGAAGTAGAT   GCCTAACTGC   TTTCTGTCAC   TTAAGGCCTT   AAATATTTAT
151401   AAGTGTCTAG   TTTCATGAAA   ATATGATTTT   GAAATTAGGT   TGAGGTTTAG
151451   TGAATTGGAA   GCTGTGTGAG   TGTTGGGTTC   TTTTTTTAGG   GAGTAGGGGG
151501   ATGAGCGGAG   GCTTAGAACC   ATGGACCAGC   ATCAGAGCTG   AAATGCCTTC
151551   CAACTTAACG   TCTCTGGAAA   AAAAGCAAAC   AAACCCAGAG   TCCTGTTTCC
151601   TGGGACCTCC   GTGTCTCTCT   AGCACGGTGT   CAGAACTGGG   TAGGCACACT
151651   TGTGCTTCTG   AAAAGGCTTT   GCAACCCAGG   CTCAGGGAAA   ACCGGGCGTT
151701   TGCGAGGCGC   GCACACAGTA   ACCTTTTCTA   GATTTCTGCT   TATGTTGGTT
151751   GTGGTTGTCC   CTGGACTGGT   TTGGTGCCCT   GCGGTCAGGA   AGCCTTGAGA
151801   AGAAGCGAGG   AGTGCCCTTC   GCTTAGCCAC   GCGGCCCATC   CTTCCTCAAG
151851   AACAAACTAA   CTTTATTTTT   ATTACAGTTT   TCTGCTTGGC   TCCTCTGGCA
151901   GGCTCTTGGT   TTCCCCCTTG   TTTGTGTATT   AACTTTGGTG   TTTCATTTCT
151951   ATACTTGGAG   CTGCCGAGGA   TATTTCTGTG   TTGTACTAGT   TATTTGCTTT
152001   TTGTATATAC   ACTGAATGTA   AGTGATATAG   AGTAAAACTG   AGTTGTGTCT
152051   CAGTCTCTAT   TCTTCTAACT   TCAAGTCTCA   ACCAATCCTC   AGACAGAAAA
152101   GAACAAAAAC   TACCTGAATT   TTCTGATTAT   ATCTCAGAAT   TTTCTTAGGT
152151   CTCCTAATGT   CTGTTTTAAA   AATCCAAGTA   TAAAAGTCCG   GGATGTTGAG
152201   CAGATATTTG   GTTTGCGTCT   TCCTCACCCC   ACAAGGACTC   TTACCTTTTA
152251   AAGGAAGAAT   TCTGCTGATA   AAATGACTTA   ATCCACCTTG   GCACAGCGGA
152301   AGGGACACTT   GGCAGCGCTT   CGCTGCGACC   AAGGTCACAC   ACCAGACATT
152351   AGATCAGCTG   GAAGTCCTCT   CTGGGTTCCT   GCTGGGTCAC   TTTAGGAGAC
152401   AGGACAGCAC   TGGGTGTGGG   GAAGGCAGCC   TGTGACCGGT   GGCCTGCCTT
152451   CCCAGCCTGG   TGGGTCTGTC   TGAGCCGGGG   CTCTCTGTGG   TGCCCAAGTT
152501   CATCTGGCTG   AAGCCCTGGC   CTCAGTATCT   GATGGGACTC   CGCGTCAGGC
152551   ACAGTAGAGT   GGCTCACAGG   CCCCAGGACT   CTCTGTTCCA   GCCTGTTTGC
152601   TCTGGCCTGG   CTGTCCGGCT   GCAGCTCTGC   CACGATCCTT   TCTTAACAGT
152651   CTCCGGGTAG   CCTTGCCTTT   CACCTTGCCT   TCCCTTTGGC   TGGGGCTTTG
152701   TTTGTCTCTC   TTTTACCAAC   AGGAGTTGTG   TCTATGCTCA   GCCACAAGCC
152751   TCCCGCCCTA   GCTAGCATCA   GATACTTCCT   TCCTTGGCCC   GTGCAGTGGC
152801   CGCCCTGAGG   CTAGCCCTTG   TTTCAGCCTT   GCCTGAGTTT   CAGTGGGTCA
152851   TCCTGATGGA   CAGGATGTCC   TTGATTGCCT   TGCCGTCCTC   ATGGGTGCAA
152901   TACACACAGG   GCTGGCTTGC   CCGTTCCTTC   TCTGCTCAGA   AGCTCCAGGC
152951   CCAGCCTGTC   CCTTCTGAGC   TGGCCTTGAG   TGACCCCGCT   GAGCCACATC
153001   AGCTGGTCTC   GCTCCTCAGA   GGTACATTTT   GGCTCTGAGG   TAAACGCTTG
153051   GGCGTATTTG   AAGTTACTGA   GCTCTCGTGA   CAGCCGCATT   ACATATCGCC
153101   ATCGGTTTTC   TGACTTAGGA   TTCTTCTTAA   AGTCTCCTCT   AATCAGGCCA
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57

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153151  TTCACCAAAG  CCTGCCCCGT  GAGATAACCG  TTGCGCTGAA  CTCAGTTTAG
153201  CCAGCCTGGG  TTCTAGATCC  AAGGAGATTG  TTCCCTCTGA  TATCCCCAGC
153251  TTGATTATCA  TATACTTCCC  GGGGATTAAG  TCAAACCTGA  AGGGCCTCAG
153301  ATACCAGAAG  GGATTCCTTC  CTTCCTTCTT  TCAGATGTGT  AGTGGGTGTT
153351  GCCCGTGTGT  TAGCGGTCGG  GTCTGGTACT  GGGGCTATAA  CGGTAAACAG
153401  AACCATGGCC  ATGGGGTTCA  CTGTGTCTCC  TGGAGGAGGA  GGATCAAGGG
153451  TGAGACCGGC  AGACAGCTGA  TGAATTAATT  ACCATTGCAT  GTGTGTGGTG
153501  GTGAGAGTGG  GCAGGTAAGC  CTTAGAAAGC  CTCTCTGATG  TGTTGGCCTC
153551  ACTCCTGGGA  CAGAGTAGCC  CGAGTTAGGA  AAGAGACTTC  CCTCGAAGGG
153601  CTAAGTTACC  TGCTGTACCC  GTGTGTACTC  AGTGACTGGG  TTACGACCCG
153651  TCCGTCGTGC  TTTCCATCGC  GCATCTGAGA  CCTTGTGTGG  TCCTTCAGAT
153701  GAATGTAGAT  CATCTGGGAC  TCGGAATGAA  AGAGTAGTGA  TGCCCACGAC
153751  GAGAAGGCAC  CTCCCCTTCT  CTTCCGAAGT  AGTCCAGATA  AGGATAGAGG
153801  CACCAGGCTT  CAACCCTTGC  AGGCAGTGGG  ATCCCAGCAG  TGTTTAGCTG
153851  GGTTGCTGCC  CCCCCCACCC  CAGCCGCCGT  GTGCTTTCCT  ACCTACAGAA
153901  GGAGGCAGAA  ACAAGGGAGG  ATTCACTACC  AGGGCCGTGT  AGCTTTACCT
153951  TGAACATTGT  CACAGGCTTG  GGATTCTTCT  CACAAGCTCC  TGCGTTTCTA
154001  CCACCCGGCT  GAGCATGCTC  TGTTGGAGTG  AGTGTTGCTT  TCCAAGCTGG
154051  TGGTGTCTCC  AGGCATTTAT  GGAAGGACAG  GAACTGGTTA  AGTTTATCAG
154101  TAGCATTATG  GAGTTTGTAA  CTTTTTATCT  AAACACCACG  TTTGCAGTTA
154151  TGGCGACCCT  CAGCAAGATG  CCGCCAGATC  CTGGTGTTTG  GGAGCTGGGT
154201  GGGACCCACA  CATCATATTC  TTTTTCTCTG  TGAAAACGGA  GGCCTGGGAG
154251  ATTAAGTCAG  CTTGCTCATC  ATCACATAGC  TTGTTGATGT  AATTTATTGC
154301  TGAGACTGGA  ATCCTAGCCT  ACCAGCTCTT  GATTTAGGGT  CTTTCCTGCC
154351  TCACAGTTTT  TTTGGCTCCC  CACTGGGTCT  GAAATGGAAT  TGTATTATTC
154401  TGTGGTGTTA  ATAGCCAGAG  GAGGCTTTTA  AACATTTGCA  CTAATATAGT
154451  TTTTTTTTTT  ATGTTTAAGA  GTAAAAACTT  CAAGATTTTT  TAGTATAGTG
154501  GTTTGAGATT  GTCTTAAAGT  ATTTTATTTT  TATTAACGCT  AATTTTAATC
154551  ATCTACCTGG  GAGTCGTGAT  AATCCAGGGC  TGCATCTTAT  CAGAGGCTTC
154601  CCCCAGCTTC  TGCAAGGCTG  ATGTAAGGCG  AGGCAGAAGA  CTTTTATGAG
154651  TATTTATGGG  CCTGATGAAA  TAATGCATCT  GCTGGCAGCT  AATTGCCACT
154701  CTTTCTAGGA  ACGGCAAGCC  ATGTGACAGG  GCCTGTCCCA  GCAGGGATGG
154751  CTCCATTTCA  CTCTCAAATG  CATTTAATAC  TTTTTGGGGT  TTTTTTTGAG
154801  AAAGTCTGAC  TGTGTCTTTT  TTCCTCCCTC  CCATGGCCAC  AGGGACTTTG
154851  GGCTGCATCA  GTCACCCGAT  CGCCTTCAGG  TCCTTAACCG  TGGCCGTGTG
154901  CTGGGATTCC  CCGGGGGACT  GAGAGGCTGC  TGATGTCCTG  GTGTTGTTCC
154951  TAACCAGACC  AATCCATCAC  AGAGTTTCTG  GGAGTGTCCT  CTAGGCAGTG
155001  ACATTAGACA  CACGCCCACT  GATTGAGTA  CAAACAATCC  CGGGCACGCA
155051  TGGCTTACCG  GGGCATTCTA  AATCGTAGCA  GGGAGAGAAC  CTTGCGATCG
155101  GGCAGGTGGT  TCGGTGACGG  CTCCTTGCGT  GCCATCGCTC  CACAAATGTG
155151  GGCGGCCCAG  AACTACACAC  GGCCGGATGA  ACTGCTTGTG  TTTTCAGTGG
155201  GGGGAGACGC  AGTAAGGTGG  TAGAACACGG  ACACACAGAA  AGACATTACT
155251  TCACAGGTGT  TGTTAATCCT  TGAATTTCTT  GAACACTTTC  TGAAGGATTT
155301  TCCAGAGTAC  CAGACCCCAG  AGCAAGTGCG  ACTCCGGTAC  GGACTTTAGA
155351  ATGTTGGGCG  CATACAGGCG  AAATGCACGC  CGAGACGGAG  TTGGGAGAGAG
155401  TTTGCATTAG  CTGGAGAAGT  TGAATTTAGG  CCCTGGTGGT  GGTAGCGCAC
155451  GCCTTTAATC  TCAGCACTCC  AGAGACAGAG  GCAGGTGGAT  CTCTTGAGTT
155501  TGAGGCCAGC  CTGGCCTAAG  GAGTAAGTTC  CAGGGCAACA  GGTGTGTGTG
155551  TGTGTGTGTG  TGTGTGTCAG  CAGGGGTGGA  GCAGAAGGAG  TTGAATTCAG
155601  GGTATATATA  TATATATATA  TATTCCCTGA  ACATGGCTTC  TGGGTGGAAG
155651  AGAGAGGACC  TAGGCAGGTA  GCTCTGGCTC  ATCCTGCTCA  CCTCTCAGGT
155701  AGCAGGCTGG  GTGCCTCTGA  TTTTTTTTTG  TCCTTAAAAA  TGACTGTGGG
155751  GCCTGGAGAG  ATTGTGCAGG  GCTCAAGGGT  CTTTGCTGCT  TTTCCAGAAG
155801  GCCTGGGTTT  GTTCCTAGCA  CCCAATGTAT  GGTGGCTCAC  AACCCCTAGT
155851  AACTCCAGCT  TCCGGGGGAC  CTGGCGCATG  CGCGTGCGTG  TGTGCGTGTG
155901  TGTGTGTGTG  TGTGTGTGTG  TGTGTGTATG  TATGTATGTA  CTGGAGAGAC
155951  ACAAAGATCC  CGAGTTAAAG  ATCATCTTCA  GCAGCCTAGG  GAGGTGTAGG
156001  CCTGAGCCCT  GTAGAACCCT  TTATTATATA  GATGAGGCAC  AGTGAACATA
156051  GGGCTGTTTA  ATAACTCCCT  TAAGGTCACT  CAGGTGCATG  GAGCCAAATT
156101  ATTAACTTCA  GTGCTTTGAC  TTTACAGCCT  GCTAACATCT  ACCCCATGAA
156151  AGCACCTTAT  CAAAATAGAC  TTTTCCCTTC  GCCTAATTAG  GATAGCTCAG
156201  GTGTGTTCCA  GTGCTCCGTC  CCCACTCATT  CTCCCTTGCT  CCTGTCAGAC
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58

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156251  ACAAGCCCAG  GGGCTCTTGG  AAAGTCCTTC  TCTTTCCTGT  TGTCTCAGGA
156301  GTCACTTACT  CCCTGTGTCT  CCCCTTTCCT  GGTCTCCTTT  GATCCTTTGC
156351  AGAGGAGGTG  GGATCTGAAG  CAGGGCCCTG  CGTTTCTCTC  CTCTCAGGTC
156401  CTCTGAAGCA  GGGCCCTGCA  TTTCTCTCCT  CTCAGGTCCT  CTGTTATCTT
156451  GAGAGTCCTA  AAGACTAAAG  CTTTGGTCTA  CAGAGTGAGT  TCCAGGACAG
156501  CCAAGGCTAT  ATACAGAGAA  ACCCTGTTTC  AGGGGAAAAA  AAAAAAAAAG
156551  ACTAAAGCTT  GGTCGTGTTT  GGGGACATCG  TGGTAGCTCT  GCTGATGCTG
156601  CAGTCAGGTC  CCACTTTGCA  GCTCATAAAT  CATGCTCTCT  ACAGCTGGTG
156651  GGTACCAGGA  ACAATTCTG  CTGGTGTAGC  TCCAGGCTGC  CTATCAAGGT
156701  AGCACTCCGG  CTTGGGAGGG  AGGGGGGGAG  GCTCAGACAC  GAAGGCTGTG
156751  GTTGCAGCCA  GCTGCAGGAA  TGTTTGCTCT  ACCTAAATGT  AATAGGCAGC
156801  TGTGTTTACA  CGGGTCCTTC  AGTTTGGCCA  GTAAGGAGCA  TAGATGTATA
156851  TGATTCTTGG  GAGGGTTTAC  CCACCCTGCT  CCCCCTTTTA  AAATGTGATT
156901  TTTTTTTTCC  AAATAGTCAA  CCTGAATTTA  AAAGGCAGTA  TGACTTCTGG
156951  ATGTTTTGGG  TCAGGTTTTA  GACGTAGGCT  TTATTTTTGC  TAATGATATG
157001  AAAGATTTGC  CCCTTTGTAG  GAAGCGCCAG  GCTGAGAGTT  CCTGGAAGTG
157051  TTCAAGTTCT  ATTTATATTC  GGCACCATGG  CAGAGATGGT  GGCGACACGG
157101  TTACCAAAAT  AACACCGTGG  AGATGTCTGA  AGTGGTTGAG  AGGACACAGG
157151  GGTAAACACA  CCCAGGGCCT  CTCAGTCAGC  CCTCAACAAG  GACAGCGGCT
157201  GTGACTAGAT  AGATGCGTGG  GATCTTTTCC  CCACCCAGGA  AGCAACAGCA
157251  TTGCTGTAGC  GGACACCACC  TGGGTGTCTG  TTGGTTCTCC  TCAAGTCTGA
157301  CAGCGTCATC  CTGAAGCTAG  CATGTGACCC  CACAGCTGAG  GCCCCAGTTT
157351  CTCATACCAC  CTCCCAGTTC  CAAGGCCAGT  CACAAGTGTC  TGTCCTTTAG
157401  TTTCAAGGTG  GATTCCCTAT  GGCGTTTTTC  CTCTTGTTCA  ATTAATTTTT
157451  AAAAGCTACT  TACCAAACCA  AGAGAAGCAC  ATTTACCAGT  TTATTATAAA
157501  GCATGTTTAT  GAAGGATACT  GATAAGAGAT  ACACAGGGCA  AGGGATAGAA
157551  GGAGAGTCTT  TCCCACGTAG  ACCACATCCC  GGAACCTCCA  GCTGTAACCT
157601  TGGGCTGTCT  GGAAGCCCTC  TAAGCCCTGC  CCTTGGAGTT  TTTAATAGCT
157651  TCATCACATT  GGCACACCTG  ATGAAATAAC  CAGACAACTT  AAACTTCAGG
157701  TGCTCTCTTC  TCTCCAGAGG  GACAAGATGT  GAACACTCAC  TGTCCCAGCA
157751  CTTGGGAGAC  AGAGACAGGA  GGATCAGAAG  TTGAGTCTCA  ACTCCCCACC
157801  CTGTCTTGGA  TTCTGAACGA  CTGTGCCCAT  CCCAAAAATT  ATCGAGACTG
157851  TTGGTCACTG  GTCTGTTGTG  GATAGCCCTG  GGGCTAATAA  AATTTGATGT
157901  TAATTCTGTG  AGAGGTTTTG  GATGAGGAAT  GAGTCAGCAC  TCAGGTGATT
157951  TCCTGTAAAC  CTGCTTCCCA  CCTTAATTTG  TAAAATAAAG  GCGAGCTGAT
158001  GATTGGGCAG  CTAAGGGAAG  GTGAATAGAA  GATGAAGAGG  GAACGCAGAG
158051  AGGGAAAGAA  GAAGAAGAAG  AAGAAGAAGA  AGAAGAAGAA  GAGCGGAGCA
158101  GAAGCACATG  GCCTGGAGAA  ACCGAAAGTC  CTAAGGGGTC  TCATGGATGT
158151  GGAAGATGGT  AGTGTAGCGG  TAGATCTGCC  CAGTCTAGGT  GCACAGCATG
158201  TATTCATATT  AACTGAGTTG  TGTTTTCATT  GCTGGGCATA  TCTGAGTTGG
158251  AGATTTGCTG  TAACACGGAT  CAGCTTAGTA  GCAAGTAAAA  AGACATGGCT
158301  TCTTTGAAGA  CCACCAGGAT  GTGGAAAGTG  TATGTCAGGC  AACAGGACAA
158351  GAACCAGACG  TTACTTATTT  TGTGATATCT  TAGTGGCAAA  TAAGGCCTGT
158401  GGTCGTGAAG  CCTGCGTGTA  AGTCCTTAAG  AGCAGGTCAC  AGTACTATCA
158451  TGGGTGGATG  GGGCATGCCT  GCCAGGACTT  GTCCTGCTGC  CGTAGCTGTA
158501  GAGGATCTTA  GAGGCCTCCA  TTTTAGAGAC  GGGAAGGTAT  GTTAACTTGG
158551  TTTCTTGTTG  CAATGACAAA  ATACCTTGAC  CAAAGCAACT  GAAGGGAGAA
158601  AAGGCTGTTT  TGGGCTTTGA  GTTCCAAAGG  GGACACTGTC  CATCCTGGCA
158651  GGAAATGCTC  GGTGATAGGA  CGAAGAGGCT  GGCCTGCCCC  ATTGTACCAG
158701  CAGTCCAGAA  GAGCCAGAGA  GCAGGAGCTA  GGGACAGGTT  ATGCAGCTTC
158751  AAAGCCAGCC  CCCAGTGACT  CTCCACCAGG  GCCATTCAAA  GTTCTCTTTC
158801  TATCCAGTGC  CAGTAGCTGA  GGCATCACGA  ATTCAGATAC  CAGCCGGAGC
158851  CCATGGTGGA  CATTTCTCAT  CCAGACCACA  GCAATAGGAC  TGTTCCCAAA
158901  CCTATAAAAT  GCATCAGATG  GGTTCTTTGG  TTCAAGCAGT  AGGACTTTGT
158951  ACTAAGATAA  ACAAAGTAG  CATATTGCAT  AAATTCACAC  CTTTGAAAAA
159001  ACTGGCTAAC  ATGGAAGGAC  TATTTAACAG  GGGGCCAGAT  AAGGCAGTGA
159051  GTGAGTCTAA  GGTACGGGAT  GGTGTATCCC  GGAAGTCCTC  CATTGGACCT
159101  GCTTCGGGAT  GCACATTGTA  GGCCAAGCCT  GGGTCCTAAG  TGCTGCTGTT
159151  AGGTGTGGGA  ATCACCCGGA  GTGGTGAAGG  TCATCTGAAA  ACTTGATGGC
159201  TCTCGGGAAG  TCTTCTGGAG  TCTCCAGTTC  CTCTTCTCTG  CTTCCCCACA
159251  GCCCTTTATC  CCTCTGTGGT  CTTGGCTCCC  CCCCCCCCCT  TTTTTTTCTC
159301  GAGACAGGGT  TTCTTGTCGC  CCTGGTTGTC  CTGGAACTCA  CTTTGTAGAC
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59

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159351   CAGGCTGGCC   TCGAACTCAG   AAATCCGCTT   CCTTCTGTCT   CCCAGTTTCT
159401   AGGATTAACG   GCGTGTGCCA   CCGCTGCCCG   GCTTGGCTCC   CCCTTTCTAC
159451   CTGGTGGCCT   TTCCACTGCC   TTTCCTCTCT   CAGCTCTGGC   CGCCCTCCGC
159501   AGCTGCCGGA   GCCGGCAAGC   AGCCCACTGC   CTCGCTGGCT   GTCTCCACAT
159551   CCTCTGCCTC   GCAGCCTTCA   CAGCTTGACT   TGACTGCTCG   GCTGTGTCTG
159601   CCACTTCAGT   TTTGCTGTCT   CTTTTGTGTT   AACAGCTCAG   CAGAGAAAAG
159651   ACCATTTGCA   CGAGAAGCCT   TTTATTAGGC   TTATTACCGC   AGCACCAAGG
159701   GAGGCAGCAG   AAGAGAGTGT   CTCTCAGTCC   ACTCACGGAG   CCTGCTCAGA
159751   CAGCCAGAAG   AGGCGTTCGG   GCCAATCACT   CTCTTGCCCC   TCAACACCTG
159801   TCATGGTTAC   CGAGGCTTGT   GCTTGTACCA   ATCACAGTCT   TGCCCCTTAG
159851   CACCAGTCCA   TTCTCTTGGA   TTTTATGCCA   ATGGTGGCAT   TGTCTTAGAT
159901   AAATAAATCA   CAGCCGCCCC   TCTGCTAGAC   CCCTGGGGGA   GCGCTGCCTT
159951   TCTACCCGTG   CTGGAAACTG   TTCTAGGGTT   ACAGAGTTCA   TAGAGGCTAC
160001   GACAACAAAG   CCCTCCGGGA   GCTGGAGTAG   GCTCATCCTT   TGCACAGTTG
160051   TCACAAGGCG   ACCAGGGGAC   TTGGGAAATT   TATTGTGAAG   AATTCTTTTT
160101   AAGAAAATGT   ATTGTTTTGT   CTTAGTCAAG   GTTTCTATTC   CTGCACAAAC
160151   ATCATGACCA   AGAAGCAAGT   TGGGGAGGAA   AGGGTTTACT   CAGCTTACAC
160201   TTCCACCCTG   CTGTTCATCA   CCAAAGGAAG   TCAGGACTGG   AACTCAAGCA
160251   GGTCAGGAAG   CAGGAGCTGA   TGCAGAGGCC   ATGGAGGGAT   GTTCCTTACT
160301   GGCTTGCTTC   CCCTGGCTTG   CTCAGCCTGC   TTTCTTATGG   AACCCAAGAC
160351   TACCAGCCCA   GGGATGGCAC   CGCCCACAGT   GGGCCCTGCC   CCCTCTATCA
160401   AGAAAATGCC   TTACAGCTGG   ATCTCATGGA   GGCACTTCCC   CAACTGAAGC
160451   TCCTTTCTCT   GTGATAACTC   CAGCCTGTGT   CAAGTTGACA   CACAACACCA
160501   GCCAGTACAT   GCTTCAAAGT   TTCATGCATA   TGCATATATA   CTGTGTATAC
160551   AAACACACAT   ATATGTGTTT   ATGTGTATAT   GTATCTATAT   CTCTCTCTTC
160601   ATGTATATCT   TAATCATACA   TACCGGTCCC   TCAGTCCCTC   CTTCAAACTC
160651   GTCCTCTTCC   CTACAAATTC   ATGTCCTCTT   TTAAATTAAA   AACCAAAAGT
160701   TTAAAAAGTG   TTGAGTCTTT   ACAGAGGGGC   ATGGCTGGGC   AGCCTGCCAG
160751   TGGCCACCGC   TCAGAACAGT   GAAGAATCTT   TAGCTAGTAG   AAAGTTACTT
160801   CTGATCAGCT   TCTAAAGGAC   TGACGGTGAC   TTCCAGGAAA   CACAAGAATC
160851   ACATTAGAAG   AACCTCTTTC   TTTCTTTCTT   TCTTTCTTTC   TTTCTTTCTT
160901   TCTTTCTTTC   TTTCTTTCTT   TTTCTTTCTT   TTCTTTCTTT   TTCTTTTTCT
160951   GGAGCAGAAG   GAGAGTACAA   GACACAATCC   ACAACCTCTT   AAGAGTTTGT
161001   AAGAAGCTCT   CTCCCCTCCC   CCACCCCATT   CCTTTCAAGG   CCTAGAGTCA
161051   GGCCCCTCTG   GAGATGAAGT   GGCTTCCTGA   CAGGGTATGT   GGATGGACCA
161101   GAAAGCTGTC   CAAGATAGAG   GGGCAAAGAG   GCTGCTTGGA   AAGTAACAGG
161151   ATATCTCAGG   GGGTCAAAAC   ATCCCAAACT   CAGGAAAAGC   CCCTCCCCGC
161201   CCCCACGCCA   GTGTCTTTTC   CTCCTCCTCC   CTGCCCTGTA   AGGCGGAACT
161251   AGCTTTGCAT   ACAGAACAGC   GATGTCACCG   GGATTCAGCT   CAGGATGCAG
161301   AGCAGAGAAG   GCAGAGAGCC   GAGAAGTGAT   AGGCAATTCA   CAGGGTTCCG
161351   AGAAACAGC   TTGTGAACAC   TTACCATCGC   TGGCTATCCT   CTGAAATTAC
161401   GGTTGTTATT   TTATTTTCAT   GTCTGTGTAA   CTAGACTGCA   GTGTTCTTTA
161451   AGGCAGACAT   CATCAACAAT   TTTTAAAAAT   TCAAGCTTAG   AAGCCATAGC
161501   GTAGCACAAG   GTGCGTATCA   GCCACCGTGA   GTTCGTGGGA   CGTGCAGAAG
161551   AATTACTGTA   AAACCCGAGT   CGTACTTTCT   TAGAGTTCAG   ATTGTGACTA
161601   GCGGGAGTCA   GGAGCAGACC   CGTGCAGTAG   AAGAGCCTGG   TGATCCTCCC
161651   TGTCGCTGTG   CACGATTTAA   TTTGGGTCAT   AGTCCTAAAG   GGACACAGTC
161701   CATCGTGATG   GGGAAGGTGG   AGCTGCCAGA   ACAAGTGGGT   GCTGGTCCCT
161751   TTACATCAGC   AGTCTGGAAG   CAGAGAGAAC   AAGAGAACAG   GGAGTGGGCC
161801   CTGGCCCTAA   AATCTCATGG   CTCATCCTCA   GTGGCATTCT   TTCTCCATCA
161851   AGGCTCTTCC   TCATAATGAG   CCGGTGCTCT   TCCCAGTGCC   TTGCGAAGAT
161901   GTGGACAGTC   GGCCCTCCCT   CACCAGATAC   CGAGTGGCAG   CCCTTGACCT
161951   AGAATTTCTA   GTATCCAGAA   CTGAGAAATA   AGTTTCCATT   CATTTATAAG
162001   TTACCCAGGC   TGGGCTGGCA   AGATGGCTCA   GTGGTTAAGA   GCGCCGACTG
162051   CTCTTCCGAA   GGTCCCGAGT   TCAAATCCCA   GCAACCACAT   GGTGGCTCAC
162101   AACCATCCAT   AACAAAATCT   GATGCTCTCT   TCTGGAGTAT   CTGAGGACAG
162151   CTACAGTGTA   CTTACATATA   ATAAATAAAT   AAATAAATAA   ATAAACAAAC
162201   AAACAAAAAA   AAAGAAATCA   CTGCAAAAAA   AAAAAATAAG   TTACCCAGGC
162251   TGTGGTATCT   TGTTATAGCA   TTATAAATAC   AAGCCATCAT   GTTGTGCATA
162301   GTAATTATAT   ATAATCTTGA   TTTGTTAGTG   TAGTACAATT   TAAGAGATCA
162351   GTATGGTTTG   TAATAAGCTA   GTTATAAAGT   ATAAGATGAA   AAATTTGAGC
162401   TATTTTTAAA   TAATCTCAAC   ATTTTAGCCT   ATATATAGGG   AAAGTGTAAT
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162451  AGTTCTTCTC  AGACATCCTA  GGTTTATGGC  CCAGTCTCAC  ATTAAAAGAC
162501  AAATGAAGAA  AATATACAAC  TTAAAATAAG  TTATTTTTGG  TGTGTGTGTT
162551  ATAGTGTGTA  CTGTGCAGTA  CCCATGCACA  CACATATAGA  GAAAGCTATA
162601  TAGATACATG  GAAGCTAACA  TTCTCCATCT  CATTATTCTT  TCAAACGTAA
162651  TTTATTATTT  TTTTATTCCT  GTGAATGTTT  TGCTTGCATT  TGTGTCTGTG
162701  TACCATGTGT  GTTCCTGGCT  CCCACAGAGA  CCAACAGGGG  GCGTCAGCTT
162751  CCATGGAACT  GGAGTTTCAG  AGAGTTGTGA  GCTGTCACGT  GGGTCCTGGG
162801  AATTGAACCT  CAGTCCCCTG  GAAGAGCAGC  TAGTGATTTC  AACTACCGAA
162851  CCACCTCTCC  AACTTCCAAA  CTTAATATAA  GGTTTATGAC  ATGGATGTCG
162901  TTCTAAGGAA  ATTCAGACCC  AGGGAAGCAG  TTGGACTTCT  GCCTGTTTAT
162951  TTAGGTCTGA  GGAAATGAAG  ACAGTTGTTG  AGAGATAGTG  TAATCCAGTG
163001  GTAGGAGTGG  GAACTGACAG  GGTCTGCACA  GGTCTCCTCT  GTGACCACCT
163051  CTTCAGAGAC  AGGAGCCACT  TTTTCTTCCG  CCATAGGCAG  GGGTGTCTCA
163101  CAGGAGGCTC  TTACAATCCA  CTTCAAGGAA  GGGGCAGGGA  GAGGTGCGGT
163151  GAGCAGCCTG  CCTCTGCTAC  ACCCCCAGAC  TCTGGAACGG  GGCACCTGAA
163201  GGCCCGTCAC  CACCACAGGA  AATTCATTTC  TCTGGTGGAG  AAGCACTGGC
163251  CGCTCTCCTC  ACTCATTTCC  AGAAAGTCAC  AATTTTCTTG  CTGCCACCAA
163301  TGCTGGAATC  CAGGGTTTCT  TGCAAGAAGC  CGAACAAGGA  AGAGAAGTTG
163351  GATTGTGTGC  GTGTGAATAC  ATTACAATCT  TTTCAATCCC  CGAGTCAACT
163401  GGAGAGAGTC  TTTTCAAATT  ATTACTGCGG  CTGGCCTGTT  GCTGCTTCAG
163451  TTAGCAGAGG  CTGGGGGTGG  GGTGGTGGAC  TCAAATGCCC  TCCCCTAAGT
163501  GCCTCTCAAG  GAACCTGGGA  GGATAGTTTC  ACTCCACTGT  TTAAATAATC
163551  TTTTTGTTTG  TTTATCTTTC  GGTGAGTATT  CTATTTCAAA  GTCTTTTACT
163601  AGATTATTAT  ATAACCGTTT  TTTTTCCCCT  TTTGAGCGTC  TTCTATTCAT
163651  GTGCCTTCTG  ACATTAAGTT  CCAAAATCTT  TCCTTTGTTT  TCCCACAATC
163701  TGTTAGATTA  TAGATGGTTC  TGTTTTTGCC  AGTGCTGTAT  TAAAATATTC
163751  TCCAGATAGG  CCGTCTTTGT  CCTGACACTT  GGCTTTTCTC  TCCTTGTGCT
163801  TGCTAAGGCA  TTCCTGACGA  CTCTCTCACT  TAACTGTAGA  GCGTGTTTCA
163851  AAGAGACTAC  TAAAAGCTTT  GGCAGAACAA  CCACATCCCC  CCCTCCTCAC
163901  TGTTGCCTAG  CCGGTTCCAC  ACCACACAAG  ACTATAGGAC  ACAGAAGGCT
163951  CTATTAGCAA  GTGGGAAAAA  AAAATCACAG  CACAGCCAAA  TCATCTTTTT
164001  TTTTTCTTCA  GTCAGTCAGC  ATTTATTGAG  GCCATACTAT  GTGCCAGGAG
164051  TTAAGTCAGT  CCGGATTAGT  CAAGTATAAG  CTCTAACTGC  TTCATCCCAG
164101  AAGGTTTTCC  AGGGCTGGTG  AGATTACAAA  CGATCTGGTC  TCTCATACAA
164151  ACTGAGGGCT  TCCCATGGAG  CCTGGTGGAT  CAGTTGTCCT  CATTGGATGT
164201  TGTCATCATC  ATTAGATGGG  GCTGAAGAAC  TGAGCTGTGC  AGATTCATTC
164251  AGCAGCACTG  GATACACAAG  AGGGAGATGC  CTGTGGGTGG  GGTGTGCTTG
164301  TCACTTCCTT  TTCCAGAGAA  TTTGCCTCCT  AACCCCATTC  AGTGTCTCAC
164351  GTCTGAGGCT  GATGCCATTA  TTTCAACTTC  TCATGTGAGG  AAGCCGAGAC
164401  TCTGACCAGC  CAACATAGCA  TCTCACTCTA  CAGATACTCT  GAAACATCTC
164451  AGTGGGGTCA  AAGCCGGGTA  AAGTCTGGTT  TCTACCTTCT  CTGCCGGGTT
164501  GCTGGTTTTC  TCTGCCTCCA  AACTAGAGTG  CTTCATCCCT  CTACTCCAGT
164551  GGCCGTCAAG  ACAAGTGACT  GAAGTGTTAA  AACCTAAAGT  GCTACATTGC
164601  GGGCAGTGTT  ATATTTTCCT  CATTTTCTGG  TATGCATATG  AATGTTTACC
164651  TGCATGTATG  CCCTTGTTCT  GTTGGCATGG  AGGCCAGGTG  TTGGATCCCT
164701  GACCCCCAGA  CTGTGGTCTG  AAGGTGCTTG  TCTGCAGGGG  TCCTGTTGGG
164751  GACTGAATCC  CTAAATCTAC  ATGTGAGGGC  TTTGAAGCAG  GTAGGCTGAG
164801  CTGAGGCCAG  GGAAACAGGG  CTCCCGTGAC  GTCACTGATG  ATGGTTTTAT
164851  AAGAAGAGAG  ACAAAGACTT  ATGCTGCCTA  GTTTGCTACC  TCATAATGTA
164901  ATTAATTTTT  TTTTTTTTTT  TTTTTTTTTT  GGCTGTCCTG  GAACTCACTT
164951  TGTAGACCAG  GCTGGCCTCG  AACTCAGAAA  TCCGCCTGCC  TCTGCCTCCC
165001  GAGTGCTGGG  ATTAAAGCCG  TGCGCCACCA  TGCCCGGCTT  AATTAATATG
165051  TTTTATCACG  TCAAGAAGCA  GTAAGAAGGC  CCACACCAGA  TGTCAAATAG
165101  ATATTAGGAG  TATGCTCTTA  TGCTGCCCAG  ATTCCGGAGC  CCCAGACAGA
165151  GAGACAACTT  TTAATTCCTT  ACAGAGGATC  TGGTCTCATA  GTTAGCTTAA
165201  CTGTCAGCTT  GGTATAGCCT  CGAGGCACCT  GAGAGATATT  CTCCACTAAG
165251  GGGTTGCCCG  GGGCGGATTT  GGCCCATATG  AGTATATGGG  GATTGTCTGT
165301  TGGTGTAGAA  GTCCCCAGTA  TACTGTGTTC  ACCACTGTTC  CCTGGCAGGT
165351  GGTCCTGTGC  TCTGCACAAA  GGCTCCTAGG  CAGGAACCTG  TGATGGATGG
165401  AGTCAGCAAG  CAGTGTTTCT  CCACGGCCTC  TGCTTCAAGT  CCCTGGTTTA
165451  GTTCCTGCCC  TGACTCCTCT  CACCCATAGG  TGTCCTGGAA  GTACAAGCCA
165501  GATACACTGT  GTCTTCCCTG  AAGTTGCTTT  TTGTTGAGGT  ATCTGTCACA
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165551  CAGGGAAAGA TTAAGGAGTG CACCTGATCT TTTGTTAAGG CTATAGAAGG
165601  CAGACTAAGA AACCCATTAC TGTCTATAGT TTTTCTTACT TTTAGATTTC
165651  CTTGGAAAAC TAGCAGATAA GTCTCTGCCT GACCTTCAGT GACAATGACT
165701  CCTAGGAACT TTCTAGTGCT TTCTGTGTCC TGTTTGCTGA ATACAAGCAG
165751  TTAGCTAGTC ATTTCACCAG ACTGAAGGCA GTTTGTTCTG GTCACTAGCC
165801  AGGTAGCATC TAACTTGTCT GGTTTCGGGT GCATTTTATT GTTGCCGTTA
165851  GTAACTATTA TAATAGCAAA TTTCATGTGG GAGCACACGC CCTTCCTTCC
165901  TTCCTTCCTT CCTTCCTTCC TTCCTTTCTC TCTCTCTCTC TCTCTCTCCC
165951  TCTCTCTCTC TCTCTCTCTC AATGACTGGA AATTCCAGTC TTGCATGTCC
166001  CCATTAAATA CAGGAATAGA CCTGTGATTA GACCCTTTGG AACCCATCTT
166051  TGTCTAGGGC CAAATCTTTA TTCAAATGAG GGAAACTTGA AGAGTGAAAG
166101  TCTGAAGCCT TCAGGATTGG TCCCCTCTGC ACTGATGTTC CCAGGCTCAG
166151  TGTCCAAGCA GACAAAATGA AAGCCACCTC TCCCACAGAG CCCAGCGGCT
166201  CTCTAATCCA GAGCCATCTT TTCTGGCTGA ACAAATAAT ATTCTGTACA
166251  TAGTGGCTTG AACTTTGGTA CAGGTTTGCG CAAGTCAGTT TTTGTCAGTT
166301  TAGAGTCACC TGAGGAAGAA AGGACCCCAG CCAAGGGCTT GTCTCCCTCA
166351  GACTGGCCTG TGGGCATGTC TAGATTAGTG ATTGATGTGG GAGGTCTCAG
166401  TATACTGTGT GTGGGGCCAT TCCAGGGCAC ATGGTCCTGG GTTCTACGAG
166451  AAAGCAGGCT GAGCAAGCCC TGGGGAACAA GCCAGGAAGC AGCCCTCCCC
166501  CATGGCCTCT GCTCTCACTC CTGCCACCGG GTTCCTGCCC TGCTTGAGCT
166551  CCTGCCTTGG CTTCTGTCCA TGAACCTGGT GTAGAAATGT AAGCCAAATA
166601  AACCCTTTCC CCTCCCCGAG ACTTTTGGTC GTGGTGTTTA TTACAGTAAC
166651  AGAAACCAGA TTAAGAAGAT GGCGAGTTCC CCACACGTCA GTGTGGTCAA
166701  CACTGGCTCC CAGGCACGCC ACACTATTTG GGGGGTTTGG GGACCTTTAC
166751  GAGATAAGGT AGGTAGGGTT GGTTCCTGGG AGGGCATGCA TGCCTTGAAG
166801  TTACTTCTGC TCACTTTCCT GTCCACCATG ATGCGACCAG CCTTTTCTGT
166851  CCCATGCTCT GTTTCCATTT GGCTTAATCT CACGAAGCCA ACTGACTTGT
166901  GACCGAATCC TCCAAACCAT GAGCTAAAAG AAATCCTGTA ACCTCCTGTA
166951  AGTGGTTCCT ATCAAGTCCT TGGTCCAGGT GTGCAGAAGA AACTAATATA
167001  TTTACTAAAT TCTGTGCCTC TGCCCTGGTC CACATCTCTC TTCTAGGTTA
167051  ATCTCTAGCC CACCTGCTGG GCTGGTTGTT AGCTTAGTTC TCTCTTGACC
167101  CTTCGTTTGG TTCATGGAGA TATACAGAGA TGGTGGGGGT TCTTGCTGCT
167151  GCCTTCTGCT CTGCACCACT CTCTCAGCCT TCCATTTGGA CAGTCTGCAG
167201  TTTTCTATCT CTGCCTCTTT TAGGAGGCGC ACAGTTTTAA AATGAAATCA
167251  AGTCTTCAAT AGAAAGAAAC GCTTATTTAG TGCACTGTAG GAGGCAGAGG
167301  GCCAGGTGGT AACAAACTAT TGCCTGCCGC CTGATTTCTT TTGTATTGTT
167351  GCTGCCTTGC CATGGAATAT AGAGTGTAGA AGTTGGGAAC TTGTGGCTTC
167401  AGTTATCCTG TCTTGTGTGA CCTATGACGT AAGAATAGAT TGTGTACGTG
167451  TACATTTATA TACAAATGTG TGTGTGTATA TATGTATATG TATGTATGTG
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167701  TATGTTGTAA GTGTGTATAT GTATGTGTGT ATATGTATGT GTATATGTGT
167751  GTGTGTCCAT GTATATATGT GTGTGTCTGA TACTTTCACT CTGTGGCAGA
167801  GGCTGGCTTC CCATTCATGA TCTGCCTGTT TCAGCCTCCT GAGTGCTGAG
167851  GTTACAGCTG TGTACTTGTA ACCTGACTTC TAAGAATGGT TTATACTTCC
167901  TTTTTTTTTT TTCTTTCGTG AAGGTGCAGA GGAACAAACC CAGGCTTTGC
167951  ACACGCTAGC CAAAATCTCT GCGACCGAGC TGCACCTCCA AGTCCAATTT
168001  TAAGTGGCCA AAAAGACGGA AAACAGTTTG TCATGGCAGT TCAAACCCAG
168051  CGTGCAGAAG TAAAGTTTTA CTGGAACATG CAATGCTCTA TTTGTTAACA
168101  TGCTGTCTCT GGCTGCCCTC ACACCACAGC AGTGGAGTTA AGCAGCTGCA
168151  ACAGAGCTCT TGGGGCCACA CAATTCCAAA TGCTCCAGTG AGAAAGCCA
168201  GGAAGCCTGT GACTCCTCTG CTGGAGTCTC AGTGCTGGGT TAGAGCAGGT
168251  GCTCAGAGTT AATTGTTTGG GAGGAAAGCC TAGAGGGACT TTCCTGAGGT
168301  AAACAGTCCC TGTGGAGCCC GTCATTATCT CTGCCACTTC TTTTGAACTG
168351  GGTTTCGCCA GAGGAGATTT GTCATACCAG ACCCATTGAG CCTTTTCTTT
168401  CTTTTCTCTT GCGTGCAGAA GAGGAGAGAG AGCATTGGGT AACGCTAACT
168451  GATAGTGCCT TTGTGCTCTG CTCACTCACA CGAGGATCTG GTTTCAGGGT
168501  GCACCCAGTT TAGTCTCCAG GTCTTGAAGT ACTGGGCTGT GAGGTAACAT
168551  TGGGGTTTAA GTACTAACCA CACAAAGAGT TATGCAAGGT CTGCCCCATG
168601  AAGCCTTGCT TTTTGTTCCT GTCCATCGGG TACTTTATAC ATTCCCACCC
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62

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168651  AACCGTCCAT  CTTGGCTTTG  TTCTCATCTC  TTTGGAAGGA  AACCATTAAT
168701  TACCAAATCT  CAAGAAGTCC  TAACAAGTGA  TCCTAAGCAA  AGTTGAGCAT
168751  CTCTTCTGCA  ACCCGAGCTG  GTCATTGTGC  GGGTTTTGCC  TTTTATTTTG
168801  AGGTGCACCT  GAGTTGGGTT  CTCTGCTTCC  TATGGACTGG  TTAACATGGA
168851  CAGTGCTGTG  GGCTCTAAAA  GGCATCAAAA  AGATGACATC  AGAAACTGAA
168901  TGGAGCGAGA  GCCTTTCTCC  TTCAAGAGGT  TGCTATGTGG  AAAGAGGCCT
168951  GGGAATTGTG  GATTAGTGTC  TTTCCTTTCC  TTTTTTTTTT  TTTTTTTATG
169001  GTGCTGGGGA  TTGAACCCAG  AGTCTCACAG  ATGCCATAGC  ACTGAGCCAC
169051  ATCTCTAGCC  CCTGGATGTA  AATTTCCAAA  CAGCTTACAG  AGAGGGCTAC
169101  AAAGAAATAA  CAGTGAGACA  GGTGTCACGG  CTTCTACCTT  TAGCCCTATG
169151  ACTCCAGAGG  CAAAGGCAGA  TAGAATCCCT  GTGAGTTCAA  GGCCAGCCTG
169201  GTCTACATAG  CAAGTTCTAG  GTCAGGCAGA  GTGAGATAAT  GAGACTCTGT
169251  CTGGGAGAGA  AAACAAAACA  AGAGGCAAAG  GAAAACAAAG  CGCTAGTGAG
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169351  CGCACACACA  CACACACATA  CACACACAGA  GTCTGTTGTC  CCCAGGCTCC
169401  TGTTCATGGA  CTTTGCCGTC  TTTACGACAT  GACTTCTGTT  CTCATGGTCC
169451  TATGTTGCCT  CTGGAGTCAT  TCTAGAAGAG  AGAGGAGACA  AGAGAGAAGA
169501  CAGCAGAAAG  GGGAGGTGAT  ACTCCCTGTA  CCCCAAGGAG  AGCAGCTGTT
169551  TAATCAAACC  CCAGTGCCTT  GGTCTTTTGG  GAATGGTAAC  CACACTTTCT
169601  AGTGGCTTTG  AAGGCCCTAG  CTTCCCGTGT  TGATGATCCA  GTTCCCCAGT
169651  CGAGCCCAGC  AGGGCTGTTT  TGGAAGAGAG  ACATTTATCA  GCTTTTTCTT
169701  TCTGATGTAA  CAACACCATG  TCTTTTCACG  TGCAGTTACT  ACCTCCCTCC
169751  CTCCCTCCCT  CCCTCCCTCC  CTCCCTCCCT  CCCTCCTTTT  CTCCCTTCCT
169801  CTTCTCTTTT  CCTCTTCCTT  TCTCTCTCTT  TCCCATTCTC  TCTTTCTTCT
169851  TTCCTTCCTC  TCCTCATTCT  TCTCACTCTT  CTTCTTCTCT  TCCAACACTC
169901  CTATTTCTTC  ATCTCCACTT  ATTCCCTTCA  CATTCTTTCT  CTTTTCCCTT
169951  ATCCTCCTCT  CATTTTCTCT  TCCCCCTCTT  TCTTTTCCCT  TTTACCCTCT
170001  TACCCTTCTT  TCTTACCTCC  TCTCTTCTTC  TCTTTCCCCT  CCTTCCTTTC
170051  TTTCCCTTTT  TTCCTTATTC  TTATCTACCC  TCCCTCCTTT  CCTTTTTTTT
170101  CCCTCCTTCC  CATTCTCTCT  CTCCCTTTTA  TGCTCCTCCC  TTCACCCTTT
170151  CCCTTTCTTC  CCTTTTTTCC  CTTTTCTCCT  CTCTTCTTTT  CCTTTTTCCC
170201  GCCCCCTTTC  CTTTCCTACC  TTTTCCCTCC  CCCTTCCTTT  CTTTTCTTTT
170251  CCCCCTCTTC  CCCTTTTTCT  TCCTTCCGGC  CTCTTCTATC  TTTAGCCGCT
170301  CTCTTTTTTT  TTTGCCACCT  CTCTTCTTTC  TTTTTTCATC  TCTTTCTCCC
170351  TTTCCTTTTA  CCTTCTCCTT  TATCTTTTTC  CATTCTGTTC  TACCTTCTCC
170401  TATATCTTTT  ACCTTTTTCT  TTTTTATCTG  TCCTCCCCTC  TCCTTCTCTG
170451  TCTCCTCCCC  CTTTCTACCC  CCTCCCCTCT  TTCTTGCTGT  TCTCCTTCTT
170501  CCATTTTCTC  TCCCCTTTCT  TCTCGTTCTT  CCTCGCTGTT  ATTCTCTTCT
170551  ATTCTCTTCC  CTTCTTCTCT  CTTTTCCCTT  TCTGTCCCTT  CTTTGTCTTT
170601  GTTCCCCTTT  CCTCCCTTCT  CTCAXXXXXX  XXXXXXXXXX  XXXXCCTTTT
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170701  AAACAAACAA  AAATCAACCA  AAGAAACAAA  ATGAAACAAA  ATCCCCAAAC
170751  TCCAACAACA  ACAACAACAA  CAACAAGAAG  CACCTTCATT  TTCAGGTCCC
170801  AATATAATCT  TTTCTCAAAG  CCTTTTAATA  TTCTATTGAA  TTTGGAGTGG
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170901  TCTTTTGTCA  TAGTTACCTG  TAATCGTCTG  TAACCCCCCT  AATAACTCCT
170951  CACCATCGGT  TGCCAGGCCC  TCTGCGGAAG  TCACAGCCGT  CACAGAACCG
171001  TGTATGGGAA  CTTAAACTTG  AAGAAGTTTT  ATGACTCACA  GTCTGAGGGA
171051  GGGAACATGG  TCAACAATGG  CGGGAAAGGC  AAGCCACAGA  AATGGCTCAC
171101  GGCAGTAGTA  TCAGAGAGTC  TCATGGGGCT  TAGATTGACC  ACCAGTAGTC
171151  AGTAAGTAGA  AGACACTGGT  CCAGACTGGT  CCAGAAAAGG  TTCATGATAC
171201  AACCCCCAGA  ACTTCACTTC  CTCTAGTGAA  ATTCCACCTA  AATAAAGGTC
171251  TTACAATTTC  CCCAAATGCC  AACACTAACT  GGGAACCACA  TGATCAGACA
171301  CATGAGTCAG  TAGGGAGATT  TTTTTACATG  GACTCTGTAG  GGCTAGGGTG
171351  AGGGCTGAAG  TTAAGGACTC  TGGCTTAGAC  TGTGAGGGCA  GCATCACCCC
171401  CAATTCCCAT  CTTTGTCAGC  CGCCCACAT  CTACTGGATT  GCTTCAGATC
171451  TAGGGTGGCA  TGGAGACTTC  TGTTTTGTTC  CCCACCTTAA  CAGAGAAAGG
171501  ACAAGCAAAG  TGTGGGTTCT  AGGCTGCTGC  TGCTGGGCCT  GGCACTGATC
171551  GACAGGCTCT  GGAAACTGCA  GGTTCTGTAT  CCCAGGCTGT  GAGCGCTTGG
171601  CTCAAGTTCC  GCAGTGCTCT  TTGTAGAGGT  TTCCTGCGAA  GAGTGCTTGC
171651  AACCACAGAG  CCATCTCCCT  CACTCCACTC  CCCCTGTTCT  TCTTTGACTC
171701  TTCTGGCTAG  TCTTCTGGGA  ATTGGGTTTC  ATAGAGCAGT  GCTCACCAGG
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63

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171801   GTGGAAACAG  CTCTCTAAGT  AAGCGCACCT  TTCTGACCTG  TGGTGACCTT
171851   CCAAGGGGGC  ACAGCCGCCT  GCTTTTTAGT  ACCATCTGCT  CTGCAGACTG
171901   TTGAGAGCAG  CGGTCCTCAT  TCCATTACAC  AGAGCCCACC  TTTTGTGACA
171951   GTCACGCTCT  GATCCATTTC  ACAAGTGGCT  TAAGTCATTT  ATGTCGTTTT
172001   TGTTTTACTC  ACTCAGGGAT  CGAGAGGGTA  GACCTCTTTC  TTCATCATCC
172051   TGAACCGCAT  TTCACACCTC  AGACTGACTC  TCAGAACCAG  CCAAATACAG
172101   GACTTGGCTC  TCAGATGGCT  GTCTGTATGC  TGTGTCAAAAAG  GGCCAGAAGG
172151   AGACAGGGTC  TAGCCAAAGA  TGGGGATTAC  CTTCAAAAAG  GGTGCCAAGT  AGGTTCCCTT
172201   CTGTTTCTCA  TTTGTTCATT  AAAGAAAACA  GGTGCCAAGT  AGGTTCCCTT
172251   TTTACAAATG  CTTCTTGTAG  AGATCATTTG  AATAAAACTT  GCGGTGTAAT
172301   AGAAGTAGTT  GCTCTAGGCT  CCAGTTTTGA  CTGATTTCTG  TTGGTTCTGC
172351   AGGTCTGTGT  GGGCCACACA  GGGGTTTCGG  GGAGCGGTAA  CTATCCACGG
172401   CAGGGTGTCT  TGATGCTGGT  GGTGCTTTGT  TGTTTTTAGA  GTTGCTTTTA
172451   TTTCCAGTAT  ATGAGTGTTT  TCCCTGACGT  TATGTATGCG  CACCACGTGT
172501   CTGCCCCGTG  CCCGAGGAAT  TTAGAAGAGG  GTGTCACATC  TCCTGGACCT
172551   GGAGTGAGGG  ACGGTTATGG  GCCACCATCT  GAGTGCTGGG  AACAGAGCCC
172601   AGGTCCCCTG  AGAGACGCAAC  AAGTGCTTGC  AACCACTGAG  CCATCTCTCC
172651   GCGCCCCCTG  TTGTTACTCT  TAAGTGATTA  AGACAGGAAG  CAGTAATGCA
172701   GAGTTCCCAG  TACTCTGCTC  AGCTTCCCAA  GGGTAACACC  ATCAGTGACC
172751   ACGGTGCATT  GTTCACTAAG  CTGGAAACTG  ATTTGGTGCA  GCATGGCAAG
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172851   GTGTGTCATT  CTGTGCACCT  TCATCTTTCA  AGTCCCCTTG  ATTTGTAACA
172901   TGGTCGTTTG  TCATGAAATT  AGTTGGAATT  GCTCATGTGA  ATAAGGAGAC
172951   CACACTGGAA  GTGACGTCAC  TGGAAGGGAA  GTCTTGCTTT  AACGTTTTTT
173001   TTTTTTTTTT  TTTTTTTTTT  TTTAGTGAA  GGTTTCTGGA  TCAGGAAGTA
173051   GAGAGTCAGG  TTCTAATTCC  ATTTCTCTAG  CCATCCAGCT  GTGCTGTTTC
173101   GATCACATCA  CAAACATGCT  CAGAGCATCC  CTCCCTCATC  TCTGAATGGA
173151   GGCGCTAAGC  CAAGCAAGAC  TCTTGATTCC  CCTTTTCCCT  TCCCTAAATC
173201   CCTCATAGCT  GCTGCTTTTC  AGCAGAGCAT  GCCCTGCCAG  TCACTGAATT
173251   GTTGTCGCCC  CAAACCTCAG  ATGGACACAT  CCCGTCTTCT  TCCATTGCTA
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173351   TCAGTGGCAG  TCTCCACTGT  CCCGGGGAGC  CTTCTCTGTC  CTCAGTGGCA
173401   GTGCCCACTG  CCCCAGGGAG  CCCTCTCTGT  CCTAAGTGGC  GTGTCTATGC
173451   CCCCAGGGAT  CCTTCTGAAG  TCTGCCCTGT  CTCATTACTC  ATCTGGGTTC
173501   GTGGAATAGG  TTGCATATGT  GCTTTCTACC  AACAATTGTC  TACATAGCAA
173551   GCAGAATTTA  CAAAGCAGAT  CCACTTCGGT  GGCCCCTCGT  GACACTGGAG
173601   GAACAGTTCG  CCCCAGCTCC  TGCTGCTAAT  CTGAGTGTCA  GCTATCAGTT
173651   TCCCTTCCTC  TGCCTGGCCA  CCAGCCACGT  AGGCTCCGTG  CTGTTCCAGT
173701   TGCCGAGTCT  GTGCCTCCCT  ATTAGCCCCA  TCTTGTATCT  TGCTGCGACA
173751   TCTCATGTTC  TCCTCTGCTA  TATCAGCTCC  CTCCCCCAAG  TCACTTTCCC
173801   CCTCTCCAGT  GAGGCTACTG  TATCAGCTCC  CTCCCCCAAG  TACCATATGA
173851   TTATGCCACC  TCAGGCTGCT  GCTGCTGCCA  CAGCGTGTAA  TACCATATGA
173901   CTTGGCTATC  CTTGGCTGTG  ACTAGACTGG  CGAGCTAACC  CTCCCCAGAC
173951   TGCAGGCTCC  CCAGAAAGGT  TTGCCTCAGC  TGCCTGGTTC  ATGCTGCATT
174001   AGGATAATTC  CCTGGCCAAA  GAAGCCATCA  ATAATTGTTG  AACATGTGCA
174051   GTAATGGACC  AGATAGTCAT  AATAGTTCTT  GAAATTGAAA  AAGTAATTAA
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174151   CTTCTGGGAA  CATTCTTAAC  AGATTCCTAT  ATAGATTTCT  TTTATGTGTG
174201   TGTATTGACA  AAGGGTCTTT  TCTGAGGCAG  AACCTTTTGA  GGTGATGACG
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174351   GAGCCTCAGC  TAACACACCA  TACTGAGCCA  CATCCCAGCC  TCAGCTGTGG
174401   TTTTGCTTTA  GAAAAATCAG  GGTTTGACTT  TCTTGGCCTT  TCGGAAGCGC
174451   AGGAAACTCA  GGATCATGTG  GTTTGACATT  GAGCCAGATG  TGCTTTTGCT
174501   GTCAGCCTGA  ATGCCTTCCT  TTCCTTTTGA  ATTTAAGATG  TCAATAAGGG
174551   CTCGAGCTGG  GAGCTGCTGA  TTCTCTCGTA  TAAACCGAAA  GACGAGGTTT
174601   ACGTCCTTGC  CTCTCTTCTT  AAATTCTTGT  TTAATTCCCA  TTTATTGATG
174651   GTCAGAACCA  CACAGTGAAA  CTGCCACTGT  AAACAGGCTC  CCAGACCTCA
174701   GCACAGCTGA  CTCTATGATA  GAAGTACCAT  TTAGGCCTTG  AAACTCAGTG
174751   CATAGAAGAC  AGCACCATCA  GCCAAAGTGA  AAACAAAGAC  CTAATCCATC
174801   AAAGTCCACA  GTTCTGGGAA  AGTCTCTAAA  TGCACTAACC  TGGCTTTTTG
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64

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174851   GCTCCTGTAG  TTCCTCTTCT  GGCTAACTGT  TATTGTTAAC  TGAAGTATGT
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174951   GGGGCTTTGT  GGGATCCCAA  ACACCCAATG  TAGTCGCCAG  CCGGCTAATA
175001   AAGACTTCCT  ATTGGCTCAA  ATCCATGTCT  GAGTCGTCTT  CTCTGGTGAT
175051   GCCCTGCAGT  ATCCCTTGCT  TGCTGCCTGT  TTTGGAAGTG  TGATGGGAGA
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175151   CACATTTCAT  TAACCATCCT  CATCAAAGGG  TAATTTTCTT  TTCTCTCAAT
175201   TCGGGAAGAT  TTATTTATTT  ACCCTTTTAA  AAATGCAATA  GAAAGCAACC
175251   TCCAGCGGCC  CAAGTGTTGA  CATTCTGGCT  TCTTTTGTTA  TGTTTTTTTT
175301   GTTATTGCTG  CTAATGAAAT  AATTTTCAAT  CAAGCACAAG  TGCACTTTAC
175351   AAAATTATAA  AGTGGCATTT  TCTTTTAAAA  GCATCGTACT  ATTTTTTTCA
175401   TTGTTATGCT  ATTAGCTTCT  AGGGTGTTTT  CTTGAGTTCT  TTCCTTTTGT
175451   TGATTTTTAA  AGAGTCATGT  GTCAATCTGA  GTGTGAGTCC  AGTTATGAAA
175501   TGGGAGTGAC  AGAAAGAATG  AGATACACTT  CAAGATCCCT  TCCTGGCCTC
175551   TTGATCTTGC  TTTCTTGTTC  ATGTTCTTTC  TCTACACCAG  GGGTGGACTC
175601   TAGCCTGCCA  ACCTCTTGCC  TTCATCTCCC  AATTGCTGCG  ATATACTACC
175651   ATATATGCCC  CAGCTCAAAA  TAGTAATTTC  CGTGAATTTT  TGTTTGTTTG
175701   TTTTGAGACA  AGATCTCATG  TAGCTCAAAC  TCCCACATATA GGATGACTGT
175751   AAATTCCTGA  TCCACCTGTC  TTTGATCCCA  AGTGCTGCGA  TTATAAGTGT
175801   GCACTGTGCC  TAGCTTAAAA  TCATCCATTC  CCTTCCTCAG  GTCCAACCTT
175851   ATCTTCTCTA  TGGTTTTGTG  GAGAGATAAA  TCTAACTTGA  AGAAGGTGAC
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176201   TCATTATTTA  GGAGTTAGAA  TATTTATAAG  TATGATGTGA  TTGCACATTT
176251   CATTTCTGTG  TTAGGTCTTA  CCTGTGCCTT  TTAAGTAGTA  TAGTAAATTA
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176351   GTCGCTGAAT  TTTATGACAC  GTCCAATTCA  CATTGATGTT  GTAGTTTTGC
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176451   ATTGACTCAG  AGAACTCCTG  GGTCACGTAA  CCAGAGTGTT  TCATGTCCTG
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176751   ACTGTGTATT  AGTTGAAGCA  ACAGGCCTGA  AAGATGCACT  TCTAAGATGG
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176901   TGACTTCCTC  AGAAGTTGAG  GGAAGAATTT  CAGGGTCCCA  GGTTTCTTTG
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177001   AACACGAGTC  CTCTGGCATG  TTATGGTCAA  GGATGTCACT  AAGATCAGCC
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177201   AGCAGGCTAA  TGGTGTGGTG  ATCCAGTGGC  CAGTCTGTGT  ACCAGGACCC
177251   TTCCAAGTGC  TGGAGTGCTC  ACTCACACAA  AAATAATCTG  CTGCAGCACA
177301   TCCTTGTCAC  ATGATGAAGA  GCCTGACTAA  TGTCAACATA  TCTAGAAAGC
177351   TGTCAGTCTT  CTCTGAGTCC  TGGTACCAAC  TAGTTTGTCA  TGAGAGAACA
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177451   ATGATCACCT  TCCAGAAAGA  TTTATTGAGT  ATCTTTTAGG  TGCCAGACCC
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177551   CAGAAATAGA  GGAAATGTAT  AAGAGATGAC  TAGGAGGCCA  GGGGATTTCA
177601   GCTGACGGGC  AAACGCCAGA  GTGAGGGGTC  TTCATGGATG  CCGGTATCAC
177651   ACAATCATGA  ATGACAGCAG  GGAGAGGCAG  TTAGCAGGTG  GTTGTTTATC
177701   TCATTGAAAA  TAAATTCCAA  AGGGCTAGTC  ATTGCCTACA  AGTTCCTCTG
177751   AAATATGATT  CCTTGACTCC  CCTCTAATCC  CGTTGCTTCC  TGACTTAAAT
177801   CCGGTGTTGC  TATAACAAAA  TACTTTAGGT  CAGATACTTT  ATAAAGCCAG
177851   AAGGGTCTGC  TTAGCTTATG  GTTCTGTAGG  CATAGGCGGA  CCGTACTGGG
177901   ACCTTATCAG  CTTTGATGAG  GGCCCCATGA  CTTATGTCAG  GAGTGCATGC
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177951  GACAGATTGG  GATTCACCTT  CTAAAAAGAG  TTACTGAGCG  ATTTCTTGTA
178001  ACAACGCATC  CTTGTGAGAA  CTCTTCCGGT  CTTATAAGAC  TTGTGTCATT
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178101  ATTTTAGAGA  TTCCACACTC  CAGTAGTTTC  TCACTGGAGA  CCAGGTTTCT
178151  GGTACACTAA  CATGGCGGGG  GTTGAGGCAG  GTCATAACCA  AGTCGCAGCC
178201  AAGTGTCTCA  GGCCTGATGG  CCTTAGTCCA  AGGCTTGTGG  TGGATGGAAA
178251  GAGTCGACTC  CACAAGTTGT  TCCTTTCTCT  CCGCATGACA  TGCTCAGACC
178301  CTCAAACAAA  CGAAGTAAAT  AAATAAATGA  ATACTTAATA  TTTAAAAGTA
178351  TTGGTTAACC  GTGTGGCAGA  ACCTTAAAAT  GGTAGAAAAG  AAAACCATAA
178401  ACCGGATAGT  TTGCCAACAG  TGGCTTATTT  ATCACCATTC  TAGAAGCCAG
178451  GAAGTCCTTG  CATACCAGAC  TGGACATCTG  GTGCAGGCCA  TGCCCTGTTC
178501  ATAGGTGGCA  CTTACTGGCC  TGTGGAGACT  CTTGCATGTC  TACGCATGTT
178551  ACACATACAC  AAACACACAC  ACACACCACC  ACCACCAACA  ATAACAACAG
178601  CAAATAATAA  TATAATACAA  ATCTTTAAAA  GAAAGGTACA  CACAGAGGGC
178651  CAAGAGTCAG  AGGAGCAAGG  TTGTTGTCGT  GGTGATCACA  TAATGCTGAC
178701  AGACAGTGGA  GGGAAGCTGG  AAGTGTGCAG  TTTCACCATC  TGTGTCAGGA
178751  CTAGCTTCTT  TGATTCCATG  CTTGTCTCTG  TATTCCGTCT  CTCACATAGC
178801  AGCCAGCGGG  ACCTTTAAGA  AACACCGCCA  CGGAGGACTA  CGATAGTGAG
178851  TATGGACCAT  GCTGTTGTCT  GTGGGCCGTG  CTGCCAGTGA  GGGCAATGTC
178901  TGGGTCTATG  ATCCTGCTAT  AGCCAGGAGC  TGTGATGGTG  TCTATGGCCC
178951  GTGTTAATCC  TGAAGGCCAT  GTGGATGCCC  ATGGTCGGTG  CAGCTACCTG
179001  CAGCCATGTT  GTTATCCACA  GGCCATGCTG  CTACTGGACG  TTGTGATCAT
179051  GTCTGTGGTC  TGCACTACCA  CGTGGAAGTC  CACGATCTGT  GTTCCCGCTG
179101  ATTGTAAAGG  GCACAGGTTA  CCAATGACTG  CAAATTCACA  GTTGAGAAAG
179151  ACTGACATAG  AAGGCTTCTA  GGACAGCTCC  CCTCCCCCAG  TAACAGCCTA
179201  AACAGGAAGC  CATGAAGAGA  ACTCTTCAAT  GTGAGATAAG  GATGCTGAAG
179251  TGTAGCTTTT  AAGAATTGAT  GGCTTCTGGT  GGGGGTGCCG  GTAGAAAAGA
179301  ACTTAGATAT  TTTTAAGGGG  CTAGCTACTG  GAAGTTTGAC  CATGCTCCAT
179351  ACTCCAGAGA  GCATATGGCA  ATACAAGTTG  GACTTGTTTG  TATTTATTTA
179401  TTTACTTACT  GATTTACTTT  GTTTGTTTGT  TTGTTTGTTT  TGTGGGGAGG
179451  GTCACAAGGA  GAGAGTTGGA  CCTGGGAAGA  CTGGGAAGTG  AGTGTGATTG
179501  GGGTTCATAA  TGTGAAATTC  CCCAATAATC  AACAGAAGTA  TTATGTATAT
179551  AAAACCACGT  AGGTCGGGCT  GTACTATTCT  CCTGTCCAAA  ATACAACAAC
179601  GGGTTTTTGC  TGTGTTTGCA  ATAAACACAG  GCTCTCCATT  ATGTTAGCAT
179651  CCACACTGCC  TCCAGCGTCT  CCTTCTACTC  TTTCTCCTCT  CTGTGATGGA
179701  GCCACCTTCT  TCTCCTTTCT  GTTCCTGGAG  CTTGCCAGGT  TCACCTCACC
179751  AGCCTCCCTG  CATCTCCAGG  CCCTTGCACT  GCAGTTCGCT  CCCTGGACCA
179801  CTCTGGACCT  GCAACTCTGT  GCAGCTGCCT  CTTCCTCCAC  GCCTCGGGCC
179851  AGATAACCAC  AGCAGGATGA  CTGTCTCCGC  CTCACTCCAC  CACCCATCTA
179901  CTTCTGTGGA  GTTACTGACG  GTTGGGAGGT  ACCTTGTAGG  TGCTGGAGGC
179951  AGAACCCAGG  TCCTCTGCAG  GACTAGCCAG  TGTGTTGTAA  TTGCCACTGC
180001  GCCTCTCCAG  CCCCTCTTGT  TCTTATCAAC  GAAGCCCTCA  GTTTTCTCTT
180051  ACGTAAGGCA  TTGGCGGTAC  ACGGTCAGAC  TTGTTACCAG  AGGATACATT
180101  AGGTGCCGTT  AAAAAGAAC   AGCTGGAACC  TGGTGTGCTC  TCCATGGTAA
180151  CTTTGTCAAG  ATGTCACTTT  TTGCTACCCA  ATGTCCCTTG  ATTATATCCA
180201  CTTTATTGTC  CCTCATTTGT  AAGTGAAGTG  TCTGCTTTTT  GAAAGTCCTT
180251  TTCATTCTGC  CTGTACCGCC  AGCATATTGT  CATATCCAGC  GCACCCTGAA
180301  AACCTTGTAG  AATCAGGAAC  TGAAACTCAG  CGGTCACAGT  GGATAGGCCA
180351  GAGACCCGTG  AAGGCTGAGG  CTGGGAAAGC  TGGCTGGACT  GTATGAGAGG
180401  GTTGACTTGA  GTGCACTGGG  TTTGGGATTT  TAAGTGAGTG  TTCTGTCCCA
180451  GGACACTGAA  AGAATTTGGG  GTAATTTACT  GTTAATTTCT  CTTATGAGAT
180501  TTTGAAATGT  AGCAAACAGG  ATTATGTGGA  CAGACAAGTT  CAAGTCTGGC
180551  TTTTTGAGAG  TGAAGAATAT  GAGTTTTAAA  TTTAGGTGGC  TAATCCCAAC
180601  ATTTGGGAGG  GTGAGGCAGG  AGGATTGCAA  GCTATGTAGT  GACCTATTTT
180651  TTGTTGTTGT  TGTTCACTAA  AATGAAGCCA  AACCAATAGT  CCTGCATTGT
180701  GATTTTTCTG  TGTATGTAGT  TTAGAGTGTC  TTTTTAAAAC  AGTTGTTTGT
180751  GGCCAGAAGT  GGGGCCAGAC  TGTAATACCA  GCATTGCAAA  AGATGGGAGG
180801  GTTGCTGTGA  GCCTGATCAA  TGGAGTGAGC  CTGTATCAAA  AAAAAAAAAA
180851  AAAAAAAAAA  AGGAGGGTGA  GAGAAGGGTG  AGGGGAAGGA  GGAGGAAGAG
180901  GAATAGGAGG  AGGAAGAGGA  GAAAGAAGA   AGAAGAAGAA  GAAGAAGAAG
180951  AGGAGGAGGA  GGAGGAGGAG  GAGGAGGAGG  AGGAAGAAGA  GGAGGAAGAA
181001  GAAGAGGAGG  AAGAAGAAGA  AGAGGAGGAG  GAGCAGCTTA  AGATAACTAA
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66

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181051   ATGTTGTTTA  GGGGAAAGTG  TGACACCCCA  AGAGAAAGGA  GCTCTGGAGA
181101   ATTCAATTGG  AAATGTTCCA  GTCATCACTG  ATTTTTTTGT  AGCAGAATCA
181151   GGATGAACTC  CAGGCTTCTA  CAAAGCATCA  GTTGCTCGTA  ACCACTGAGC
181201   CAGCTCTCTA  ACCCATTGCT  TATTTACCTG  TCGTTGCTGT  TGTTTGTTGT
181251   GTGTTTGAGA  CAGGAGCTCA  CTTTATATCC  CTGGCAGGCC  CGAAACTCTG
181301   GGACTTTTAT  GCAGATCAAG  TTCTGAGGAA  GTCTAGAACT  TTGGACTTTT
181351   TGTGTGGACC  ATCCATTGAG  TCAGTGGCTC  AAACACACAG  AGCTCTGTCT
181401   GCCACCCACG  AGTCTTAACT  GAACTGCAGA  ATGTTGCCTG  GTCCAGTTTT
181451   ATTAACTTTA  AAATGAGAAA  ATGGGGCGGG  AGCCATTCAT  GCTTTTGCTC
181501   CCTACGTCAA  TTCCTCACAC  TGTGTGTGTG  TATGTGTGTT  CCTTGCTTCA
181551   GCCTTTTACC  TTTCTAGCTT  ATCAGCAAAG  ATGAGCATAT  TGGTTTTATT
181601   TTCAGCTATC  TGAAAATGTC  ATGATCATAA  CAGTTATTAT  CTGTCATGAG
181651   AGCAACTTCG  CGAGAATGTT  GCTAAACAAA  CACAAATGTT  ATCAGTTGTC
181701   AGCAGACATT  TGTTGCAGAG  GAGACCATAT  GTGACAAGAT  GTGTGGGGGG
181751   AAAAAGTAAA  AGGATCAGCC  GTTATCACAT  AAGAGGCGAG  AATCGAGTGA
181801   AGTTTAGTCT  TAGGAATTCT  TGTTATCAAA  GAACCTTTAT  CGAGGATAGC
181851   CAGCACCTCA  AGATGCAGGC  AATGGAAGCT  CAGGAAAACT  AACACACACA
181901   GAGATCTTCT  GACTTTGCCT  GTGGGAGCTC  TGTCGCAGTA  ATGGATTCTT
181951   GCAGCCCTGT  GGGCATTTCT  TGGATCCTTC  ATTTGCTTTG  GTCTATGGTA
182001   AAGAGGTAAT  TTCACTAAGA  GACAACTGTC  TACATTAGCT  CATTAAAAGG
182051   TCTGTACCCG  ATCAAGAGCC  TGGATTTGCA  AATGAAATAC  ACACACAC
182101   ACACCAGTTG  ATTTTTATGT  CTTGACTAGC  TCAATGGCTG  GACACTTCTA
182151   AACTTCTGCC  CTTCAGTATT  CCTGGCTTAA  CACCTTCCTG  GCTCAAATGT
182201   TTTATCTTTG  CTGTCCTCTT  ACCTTCTCGA  CCCCCCCCCC  CCACACACAC
182251   ACATACACCA  CACACACATA  GTTCTGCTTT  CCCTTTCTAC  CTACATTGTT
182301   GGATGGTTTC  TTGGTTTCTC  TTCTGCAGCT  CTTCAGTCTC  ATCCCTCTGC
182351   CTCTGAGTCA  TGACGATTCT  CCTCCTCCTC  CTCTCTCCCG  TGGTCCCTTG
182401   GTCCCTTGCC  AGATCAGTCT  AAAAGTTCTG  TCTCTGTCTC  CCTGACTAGC
182451   CATGGGATGT  ATGGCAATTC  TTTAGTATCA  ATTGAAGCCA  GCCTGGGGCA
182501   GGTCTGGAAG  GGCAGCTTTA  AGACACAGTA  TTAGAATAAA  TTCCCAACAC
182551   AGCACACTCA  GCACAGCACA  ATGCAGCATT  GGGGAATCAA  ATCCAGGGCT
182601   TCATGCATGC  TATGCACGGA  TCCTATCAGC  TGAGCGGCGT  CCTCGGTTCT
182651   AGCCGTGAAT  CTTGCTTTTC  TGTTTCCGTG  GTTTTATCTT  TGCAGAACGC
182701   AGCATCATTG  GGATCATGTG  GTAGGCAGCC  CTTTAGATGC  CTTCTTCCAT
182751   GTAGCAATGG  TCATTTACTG  TGCCTCCTTT  CCTCTTTTCA  TGAGCGACTA
182801   GATTCTTTTG  GGTGCTGAGT  AATATTCCGT  TCTCTGGCTA  GGCTGTGTTT
182851   ACTTATCCAT  GGACTTATGG  AGGGATATCT  TGGTTGTTTT  CAGATTTCAG
182901   CAGTTTTAAA  TAGAGCTTCT  GTAAGCACTC  ATGGCATGCT  TTCTTGCGTG
182951   ATATACAACT  TCAGTATAGT  AAGTGGATGA  ATACCAAGAA  GTGCTCGTGG
183001   TGGCGCACAC  CTTTAATCCC  AGTACTCAGG  AGGCCAGAGG  CAGGCGTATT
183051   TCTGAGTTCA  AGGCCAGCCT  GGTCTACAAA  GTGAGTTCCA  GGACAGCCAG
183101   GGCTATACAG  AGAAACCCTG  TCTCAAAACA  AAAAAAGTTT  CATTTTGTAA
183151   GGAACTGTCA  CACTGTCTTC  TAAAGTGGCT  TTGCAGATTT  GCGTTCCCAT
183201   CTGCAGTGAA  TAAGGGCTCT  CGTTGCTCTG  AGTTCTTGCC  AGAAGTTGGC
183251   GTTGTCAGGA  TTTGGGTTTG  GCCAGTGTGA  TAGGTACAGA  GTGGGATCTC
183301   ACTGTGATTT  AATCTGCAGC  TCCCTCGTGA  TTTAAAATGC  TTGTCACATT
183351   TCACCTGCCC  ACCTGCCATC  TGTGTATTTT  CTTTAATGAT  CTCTCTCTCT
183401   CTCTCTCTCT  CTCTCTCTCT  CTCTCTCTCT  CTCTCTCTCT  CTCTCTCTCT
183451   CTCTCTCTCT  CTCTCTATCA  CTCATCAACA  GAGACACAAC  AAAGAGGCAC
183501   AACAAAGAAG  ACAGAAAAGA  AATACGCAGA  ACAGCGCAAC  GAAACAAAAG
183551   ACAAGCACAA  AGAACACACA  ACGAAACGAG  AGAACGAAGA  AAGAAGAAGA
183601   AAAAAAAGAA  AAGAAAAAGA  AGAAGAAGAG  AGAGAGAAGA  AAAGACAAAC
183651   AGAAGAAAAA  AAAACGAACA  CCAGAGGACG  AAAAGAAAAG  AAGGAACGAA
183701   AAATGCCAAA  CAAAAAGGAG  AACGAGACAA  GAAGACAAGA  CAACACAACA
183751   GACAAAAAAA  AACAAACAAA  AAAAAAAAAA  AAAAAAGAGA  ACAAAGAACA
183801   GCAACGCAAG  CCCCAACTAA  AAAAAAAAAA  AACAACAAAA  ATACAACAAC
183851   AGAAAACGA   AACAACAAAA  GXXXXXXXXX  XXXXXXXXXX  XGCGAGATTA
183901   ATCTGCAGCT  CCCTCGTGAT  ATAAAAAGCT  TGTCACATTT  CACCTGCCCA
183951   CCTGCCATCT  GTGTATATTC  TATAATGATC  TCTCTCTCTC  TCTCTCTCTC
184001   TCTCGGGGTC  TCTCTCTCTC  TCTCTCTCTC  TCTCTCCCCC  TCCCTCCCTC
184051   CCTCCCTCCC  TCCCTCTCTC  CCTCCCTCCC  TCCCTCCCCC  ACTCTCTCAC
184101   TACCTCCTTT  CCCCCCTCCC  TCTCCTTCTC  CCCCACCCCC  CCATCATTGC
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184151  TGAGTTCTTT  GTATACTTTG  AATAACAGTC  TTTGGTCAGG  TATGTCTTTC
184201  ACAAATATTT  CCTTTATCCT  CTGGCTTCTC  TCCTGTTCTC  TTGAAATTTT
184251  TACTGCAGAG  GAGAGTTTTC  TTTTATGGGT  CCCCGTCAGA  TGTACCCCCA
184301  AATCATCACC  ATACCTACGG  CCACCTAGAT  TATCTCTCCT  TTTATGTATC
184351  ATTTCTCACG  AGACGAGGAGA  CGTCCTAGCT  TTCTTCCATA  CTCTCTCAAC
184401  AGTGCCTCAC  CACTGAGAGA  ACAGGTCTTG  CTGTGCATCC  CAGGCTGACC
184451  CTCCCTCCTC  CCACATTTTG  CCTCTGTCTT  CCAAGTCTGG  GATCACAGGC
184501  TCTAACCTGC  AGTCCTCCTT  CCTCTGTCTT  CCAAGTCTGG  GATCACAGGC
184551  ATGCACTGCC  TTACTCGGAC  AGAGTCTTAT  AGTTTCCTGC  TTCACACCGA
184601  GATTTGTAAT  GGCGGTGTCT  AGATTCTGTT  TGTTCTTTAG  CATGTCCAGT
184651  TCTTCCAGCA  CCATTGGTTG  AGAGGCGCAT  GGTACTGCCA  GAAGAGGTCG
184701  CTGGATGCCC  TGTGGCTGGA  GTTCCAGGTG  GTTTTTACCC  TATGTGGGTT
184751  CTGGGAACTA  GGTTCTGTGC  AGGAGCCGCC  AGAGCTTATG  AGCCACCTCC
184801  CCAGCATCCC  TTTCTGGTTG  TTGTTTGGTT  CTTTTAGGCA  AGACCTAGCT
184851  GCGTGGCCCG  AGTTGGTCTG  ACTCATGTTC  TTCCTGCCTC  TCGCTTTGAG
184901  CCAAGTTACA  CACGTGCAGC  AGCATGGCAG  GCTCATCGTC  CTCACCATGT
184951  ACAAGGTCGT  GCCATTCGTT  CGGGCTTGGC  TAGGCTGGAT  CTGTCCCAGG
185001  AGAACATGCT  GGCCTCAGAC  TCAGAGAGAT  TCGATTGCTT  CTCAGTTATA
185051  TGCTGGGATG  CAAAGGTGTT  CACCCCGCCA  CTACATCTGG  GCTTTTGCTA
185101  CTGTTAAACC  AAAGTCTTAC  TTTATTTTAT  GTGTATGGAT  GCTTTTGCTA
185151  CATTTCTATC  TGTGTACTTA  ACACAGAGGC  CAGAAGGGGT  GGGAGTCAGA
185201  TCCCTGGAAG  TTGTTGCTGA  GTGCTGCGAG  CTATCACATA  GATGCTGGGA
185251  ATAGAAGCCC  AAGGATTTTC  TATAAGAACA  GCTTTTATCT  GCTAAGCCAT
185301  TTCTCCAGCC  CCTTAAAACA  AACAAATAAA  CAAACAAACA  AACCACAACA
185351  GTAACAAAAA  CCCCAACTGT  GTGTCTTTGT  CTTAGGTTTT  TTTTTTTAAT
185401  TTATTTTTTA  CTTTCCATGC  ATGCGCATTG  GAGTGTGAGG  GTGTCAGATT
185451  CCCTGGAGCT  GGAGTTGCAG  ACAGTGTGAG  CCGCCATGTG  GTTGCTAGGA
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185551  TATCTCTCCT  GTTTTAGATT  TTATAGGCTA  TTTTTACAAC  TACCCGAGTG
185601  CACTCTCAAA  TAACTCTATA  TGGATCTATG  GGCAGTACAG  TGTCTAATTC
185651  CTTTGCCTTA  CCTCTTGTAT  CATTGCCACC  ATTCACTTGA  TGCACATATA
185701  AGCATATACA  GCTGTCGTAC  AGAAGCATAT  ATAACTATCA  CACAGCAGCA
185751  TATACAACTG  TCATACAGAA  GCATATACAG  CTGCCACACA  GGAGCATATA
185801  TAACTATCAC  ACAGAAGCAT  ATACAACTGT  CATACAGAAG  CATATTCAAC
185851  TGTCATACAG  AAGCATATAC  AGCTGCCACA  CAGAAGCATA  TTCAACTGTC
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185951  ATACAAGCATAT  ACAACTGTCA  TACAGAAGCA  TATTCAACTG  TCATACAGAA
186001  AGAAGCATAT  ACAACTGTCA  TACAGAAGCA  TATTCAACTG  TCATACAGAA
186051  GCATATTCAA  CTGTCATACA  GAAGCATATT  CAACTGTCAT  ACAGAAGCGT
186101  ATACAGCTGT  CACACAGAAG  CATATATAAC  TGTCAGCAGCA  TATACAACTG
186151  AACTGTCACA  TGCAGCATAT  ACAACTGCCA  CACAGCAGCA  TATACAACTG
186201  TCACACAGCA  GCATATACAA  CTGTCACACA  GGAGCATATA  CAGCTGTCAC
186251  ACAGAAGCAT  ATACAGCTGT  CACACAGCAG  CATATACAAC  TGTAAAATAG
186301  AAGCATATAT  AAGAAAAAGA  GCCCAAGAGA  AGGCACAAGA  GTCAAACACC
186351  CACTTGTCTA  TAAGAAGCAT  TCTCCCAGGA  ACTTGGGAAG  CTATTTCCCA
186401  CTTGCCAAAA  GTAGTTTTCT  TTTTAGCCAT  AGCAGAAGGG  ATGCATTGCT
186451  ATTCCATTAA  CCTCTGCCTT  CCTCTCAGCA  TAGGAAGGTC  CATGCTAGCC
186501  TTCAGCCTCT  CTCAGCCCCT  ACTCACAGAT  ACTTGTTATA  CGCTTCAAAG
186551  CTTCCCACCC  AGCTCGGAGG  CTCCCTTCCT  CCCAGGTGCC  CAGCCCTTGT
186601  ATCCCCTCAA  GTTTTCCTCC  CCCTTTCTCT  GTACCCCGTA  CCCCATCCCC
186651  TTGGCAGTTT  GGAATAAACT  TTTACTTCTC  CACCCTTGAA  GTGGTAATTT
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186751  ATAATAAAAT  GCATTGTTTT  TGTTAGTATT  TTGAGGAAAC  TTTGTTGGAG
186801  CAATGAAGAA  TATGACTCTT  GTGCCTTCTG  TTGGGCTCTT  TTCCTTCTGT
186851  TGGTTTGTCT  TGTGTTATATT  CAGTGTGGTA  GTTTTTTTAT  TTATCTTATT
186901  GTATTTTATC  TTGTTATATT  TAAAAAGCAA  ATTAACAAAT  GAATAAAAAC
186951  CTAGCCACTA  GGGTAAAGGT  TACCGACTGA  TCTGTCCTTA  TACCTGCTGG
187001  GGGAGGGGAA  ATCAGTGTTC  TCCAAGGAAG  TGACACTGGG  TACCTCATCC
187051  ACTCCAGAGC  AGCCCTCATG  CTCAGGAGTA  GTTGGCCAGT  ATATAATGGA
187101  CTCCACAGGT  GTGTGTGTGT  GTGTGTGCGT  GTGTGTGTGT  GTGTGTGTGC
187151  TTACTTGGTT  ACAGGATTTT  TGTTTGTTTG  TTTTTTGTTT  TTGTTTTTGG
187201  TGGTGGTTTA  TTTTGTTTCC  TTTTGGGGGT  TTTCCTGTTG  CATTGGGCTT
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68

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187251  AAGACCTAGA  AGGACTTGGG  GGAGCGGAAG  AATATGATCA  GAATATATTT
187301  GAATTTAAAG  AATTGTTTTA  AATAATAAAG  AGTACCACAA  TTAAAAGGGA
187351  TATAAAATAA  TTTTATTTCA  CTTTCTCTTA  CCGCCTGGTG  TACTCCCCCC
187401  CCCACCTCCT  TTTTCTTACC  TACTCTTTTC  TTTTTCTCTA  AAGGACTTCC
187451  TTTAACATTC  CTTAGTTTGG  GTTTGACTGC  TGTGAACAGA  CACCATAACC
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187551  GGTTCAGTCC  ATTAGCATCA  AGGCAGGAGC  ATGGCAGCAT  CTAGGCAGGC
187601  ATGGTGCAGG  AGGAGGTGAG  AATTCTACAT  CTTCATCTGA  AGGCTGCCAG
187651  CAGAATACTG  GCTTCCAGGT  AGCTAGGACA  AGGGTCTTAT  AGCCCATGCC
187701  CACAGTGACA  CACCTACTTC  AACAGGGCCA  TGCCTTCTAA  TTATGCCACT
187751  CCCTGGGCAG  AGCATAGACA  AACCATCACA  CCTTCCAATG  CAGATATATT
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187851  ATGAATTCAC  TAGACTCGAG  GCTAATGTTT  GTTTCTTTCC  TACACTTTTA
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187951  TGCTTCTCAA  AAGCCAGCTT  GCTTTTTCCC  GATAGTTTAC  TTCAGGAATT
188001  TTCATTAATA  ATTTTTCACT  AACTGAAGCT  TGGACACAGT  AAGCCTAACT
188051  GCATTGGCTT  TGTGTGTGTT  TCTGTGATAC  GTGTGTGCAG  GGGTATGCAC
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188151  AGATATAACC  GCGTATGCAT  GTGCATGTCT  ATGTGTATAG  TATGTGTATA
188201  CATGTGTATA  TTTATCCTGC  ATAATATTCT  TTGAGCTTGG  TGCACCTGTG
188251  GTTTTGTGTC  CGACCTTTGG  GGGGAGATTC  TCAGCATTAC  CTCAAGCACT
188301  TCTGTCCCAG  TCGTCGCTCT  TCTTTCCTGT  CCAGCGCTCC  CCTGATACAG
188351  GCCTGTAGGT  ATCGCACAGC  TCTGGCATGT  TTTCTTGTCT  CGGTTCTTCC
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188451  ACACAGAGCT  CACCAAAAGC  TCTTCCTTAT  GGGTTCTTTC  TCTGTGGCTC
188501  CCCGGCCTAT  CCATTCTTAA  CATGCTGACT  ACGTGTTAGA  ACCGTTCCCT
188551  TATAACCACA  GTCGCGTTAA  GTTCCTGATT  AGTGATTTCT  ACTTATAATC
188601  GGACATGAGG  GCTGCGTAGA  GGGCACAGCT  GTGACTGGGC  CTCTAGCAGA
188651  TGTGATAAGG  CGTGGGGAGTG  AAGCCTCTTG  TGGGTCCTCT  GGTGAGGTCT
188701  CCGTGGTTTG  GTGAGCCTGC  GTAGCTGCTC  TCTGAACCTC  ACAAGTGTTT
188751  CTTAGGTGAG  AGGGTAGCGA  GGTTGGGATG  AAGTGGGGGT  CAGTTATGAT
188801  CTTATATTGG  CCCGGCAGGT  TATCTGTGGT  TAGTTTCCCC  TGTGCAGACC
188851  TGCCTGTGTC  TTTCACACTG  GATCCCTTTC  TTCGTCCCCA  CCCGCTGGAA
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188951  TTCTCTGTGT  CTGGTGGTTG  TCTCTCCAGT  GGTCGGGAGA  CTTGCTGCTG
189001  AATGGTCACT  GTTTTCAACT  CTCTGCTCGA  TAGGCAGAGG  GGTGACTTTC
189051  TGAGCATCTT  GGAATAAGAA  AACAATTTTT  GACCTACTTT  TTGTTTTTAA
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189151  TGCACGTGTG  CTTCCATGTG  CATCCCATGT  TGGCATGTGT  GCAGATCAGA
189201  GGATTTTCCA  CCATGTGAGT  TCTGGGTATT  GAACTCCAGGT  CATGAAGTTG
189251  GTGAGCAAGC  ACCTTTACCC  ACCAAGCCCC  CTTTTACTTT  TTTTTTTTTT
189301  GTCTTTGAAA  AGAAAATGTA  AGGCTGGTGT  AGCAGCACAG  GCCTTTAAGC
189351  CCAGCACTGA  GGCAGGTGGA  TCTCTGTGAA  TTTCAGGCCA  GTCTGGTTTA
189401  CAAAGTGAAT  TCTAGGGCAG  CGAGTGCTAC  ATAGTAAGAC  AGTGTCTTAA
189451  AAACAAAAAC  AATAACAACT  ACAACCCCAA  AACAATAACA  ACAAAAGAAG
189501  ATGAAGTGTA  AATACCCCCC  CCACCCTCCG  GTCGAGATAC  TGGCCCTGGC
189551  CGCTCTTGCA  GAAGGAATGA  AGACGAGGAT  GTAATCACGC  CCAGGTGTGC
189601  TGGAGGAGGA  GGCTTTTATT  GTTGATGGGA  GAGAGCGCGC  AGCCAGAGGC
189651  AGCCAGAAGA  GTCCAGATCA  GGGGGAGAAA  CTAGCAGACT  GAACTGGGCC
189701  ATGAGAAGGG  AGGGGGTGAG  CATGGAGAGA  ATAAGGGGGA  GGGGGAAGAG
189751  AGGAGGCCAA  GAGAGGAACC  AAGAGGCCAA  AGGGGACAAA  CGAGGGTGGC
189801  CACAATGGCT  GGGTTATATA  GGAATCAGAA  GCTCGGGGAA  TGGAAGATGT
189851  GGTAGCTTTT  CCTGGTCGTC  AGCTTGACGA  CATCTGAAAT  GAACTCCAAT
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190001  CAGGCAGGT  AGTACATGAG  ACTTAATTCC  AGGAGGCTGA  GGCAGGGAGT
190051  TCAAAGGTCA  GCCTGGGACA  AAGCAAATCC  CAGATCCAGG  AGTGGTGATA
190101  CACACCTTTA  ATCTGGGTCA  CACCCTACCT  TAAGGACATT  GGAAGAAGGA
190151  AGATTTGCTC  TACTTGCAAT  GACTTGCCAG  CACATCTGTT  GAAATCTACT
190201  CCTGCAGGAT  TCCAGCTTAT  ACAAAGACC  AGGTGAATCA  CCTAGCCTCA
190251  TGGGACTGAG  CAACTACTAG  ATTCGTGGAT  TCCCATCAC  AGCTGCCCAT
190301  TGTTGGGCTA  GTTGGACTGC  AGACTGTAAG  TCATCACAGT  AACTTCCCTT
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69

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190351   AATATAGAGA GGCATTCCAT AAGCTTTGTA ACTCTAGAGA GCCCTGACTA
190401   ATACAGAGGG GAAGCTCAGG GGTGTGAGAG GTTAGGGTGG GGCAGGGGTG
190451   AGAGGGTTGA GAGGAGCTTG GGCTCTGTTA CAGGTGCTCG CAGAGCCAAA
190501   AGAGCCAGGC AGCCAGCTCT GCTATATTAA TAAGTACCAC AGTTAGCCCT
190551   TTGTGATAGA TTAATAAGTA CCACAGTTAG CCCTTTGTGA TATATTAATA
190601   AGTACCACAG TTAGCCCTTT GTCCTGTGAT TCTTCGGGAT CTGACAAAGG
190651   CAGAATACGA AGGTTTCCCA GAAACCTGCA TGGCAGCTCC CAAGCCCATG
190701   TAACTCCAGT TCCAAGGAAC CTGGTCGACT TTTCCGACCT CTGAGGGCAC
190751   CAGGCACACA TGTGGTGCAC AAATATACTT GCAGGCAAAA CACACACATC
190801   AAATAAATAA ATCTGAAAAA GGGGGGATAC TGTTTGAAAC TTCCCTTATC
190851   CAACTAACAC AATATAGACC AACCCCTGTT CCCTGTAAAT GATAAGGTCC
190901   TATGATCATT ACCGCCTGTA TCATTTGAGC ATAGTTGTCG GTTTGCTTCA
190951   CAGCAAAGGG GTCCAGCAGT TGGCTGCCAT GAGTATCTGC AAGGAACGCA
191001   CTTGTTTCTG GGCCCTCCTC CCTGTGCGCT TGGTGCATTG TGCCATCCGT
191051   GCTGCCTGCT TTTGTTTTTA TCCAGTAGTG CACCGTGTAGTT AATTTAAACT
191101   TGATGTATCT AAGAGCAAAT CTGTAATGTA CGGTGGACTGT GGTTATTTTA
191151   TATCCCTGTC TAGCTTACAA ACGAATGAGA CTCGGACTGT TGACCCATAA TCTACTTTTC
191201   TTTGGCTTTG ACCAATATTT GACTGGGGAG TGTGTACCCCA GATACCTGCT
191251   TAACTGCTAT GCTGGCTACC CTCCCCAGCA GTGTACCCCA CTTCCTCCTC CGTGCCCTTT
191301   GTTTCTCTTG GCCATCTCCC CTCATGGTGG ATGTAACTGA AAACCCACCT
191351   CTCCCTCTTC TCTTCCTGTG ACCCCCAGCC CCAATTTTAT TCAACCAACA
191401   ACCTCTATTT CCTCCAGTAA TTGACTGTCG CCAATTTTAT TATACATGAG
191451   GTTTTAAATT ACAGAGTAAT GTTTGCCCAA GCATATAATA CATAGCAACA
191501   AATTCACTCA TCTTGAATAT ACAAAATTTA TGGCTCTTCT ATGCCCGCTC CTGCTCTGAA
191551   GACCAAACCT CAACAGTACG TGGCTCTTCT TGAGTTTCTT GTACTATAGC
191601   ATGAGACAGA AACTAGGTAC TTTCTATTAG TGAGTTTCTT ATGCTTGGCC TGGCTTACTT
191651   TGGCCTGGGT TTATCTATTC TAACTAGAGT ATGCTTGGCC GGCTCCTTCT
191701   CCCAGCCACT TGGCATTCCC GTGACTCCCT TGGCAACCTG CTCATGGTGC
191751   GCTCCACATG AAGCATTACG CTCCTCTTCC CCTCTTTCTC TCCTTGGGAG
191801   ATCCTCCTGA TCCCTCTCCT TCTCCCCTTA ACTCTTCTCC TGCCCACCTA
191851   CCCCTGACTG GGATCAGAAG AGTTCTTTTT ATTAACCAAG TGGTGGTGAT GATGGGAAAC
191901   CAAGCTGATT CATCATTGAG ACTAGAGATG CTCCAATAAT CACGGCGATG
191951   TATCTTTACA ACTGCAACCT GGTCTCTGGG CAGAGAACTC AGCATCTCAA
192001   CCAACGTCTG CGCAACCAAC CCCCCCCCCC CCCAGTGTAA AGCAACATGA
192051   GTGCACAGTA CAACAGTGCT CAGGTGAGTT TCCTCCAGCA GAACCTGCCA
192101   AATGTGGTAA AGCTTTACAT CTCAAACTGT GAAGAAGAAG AAGAAGAAGA
192151   CGCTCCTCAT AGCTTTACAT CTCAAACTGT GAAGAGGAGG ATGAGAAGAA
192201   AGAAAGAAG AAGAAGAAGA GGAGGAGGAG GAAGAGGAGG AGGAGGAGGA
192251   GAAGAAGAAG AAGAAGAAGA AGAAGAAGAG AACAGAGAGA GGGAGAGGGA
192301   GGAGGAGGAG GAGGAGGAAG AAGAAGAAGA GTGAAGCCAT GACTCATGAT
192351   GAAGGAGAGA GAGTTTCAAG ACCCCACTGA GGAATGCCGT CACTGGAAGG
192401   TCCCATCTAT ATCCTTTGTG AGTGATGTTG AATTGTGTTG AAGGGACTTT
192451   GACATGTAAC TGGTAGCTGC AAGTGACTCT AATTGTGTTG GTGGACAGAC
192501   GTCTGGGAA TGTTGTGAAA TAAGATGTCT GCACTGAGCA ACTCTAACAT
192551   TTCCATATAT TAAGCAGAAG TGTCCACTGT TGAATAGGGA ACTAACTGGG
192601   TTGCCTTGAC CATTTAGTGT GTGGAGAATT ATATTTACTG ATTGCTTTTA
192651   AGTGGATGAC CTTCTGACCC AGCTGTTGTT GTGGACACC AGTCACAGCA
192701   AGCTTCAAAA GCCTCTTCCT GTCTAGCTTG AGATCTCTCT GTGAGTTCAA GATGAGAGCT
192751   CTTGGGATAC TGAGGCAAGC TCAGCTAGGG CTATGTAGAG AGACTTTGTT
192801   TGGTCTAAGT GAGTTCCAGG GCAAGCAAGT AAGTAGGTTA GAGAGACCCT
192851   TCAAGTAAGT AAGTAAGCAA AGAGAAGTAA ATGTTTCCAG GGTCTCAAAT
192901   TGTTACAGAC AAGGAAGCTC CAGCCCTGAT TCTGGACCTG GGATTCCACT
192951   CAGATGATTT TACTTAAACT AGCCCCTCGG CATGCATTGC TTTAGTGCAA
193001   GAATTCACCT GCTTGTGTGC TTCTCAACTT TGTTAGGCCT CCTTACTTGA
193051   AGAGCAAGTG CTTAATGGCT AATCTGTAGT GTGAGCCAGT AAGCAGCTTT
193101   GACAATATGA GGCATTATGA CTGAGTTTCT GTCTTGACTT
193151   TTTTTTTTTG GTTTCTGCTC GATTCCTTTC CTGAGTTTCT GTCTTGACTT
193201   CTCTAGTGAT GGCTTGAAAC CTGTAAGTGT AAGCTAAGTC AAGTCGTTCC
193251   TCTCTGCGGT TGGTAGGAGT GTTTTGTCAT AACAAATGAA AGAAAACTAG
193301   AACAGAAATT GGTGTCAAGA ACAGGGTGAT TGCAGACTGT GTTTTTTGGG
193351   GGACAGTATT ATGGAAACAC ATTATAGAAT TTTGAGCTGG AAAAGCCACT
193401   GAGTGCTGGG AGGATAGTGG GAGGTTAGTG GGTGGTTAGT GGGAGGATAG
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70

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193451   TGGGAACTTA  GCGAATAGGA  GGGTGGAAGG  AAACGCAGAC  AAGGGAGGAT
193501   TGGAATATAA  AGTTCAGAGG  GCAGCAAAGA  CCCTAGCAGT  CATTTATGTG
193551   ATAATTTGGA  TTAAGGATCT  GCAATTAGTG  GTCAGCTGGG  GCTGAAGAAT
193601   CAGCTTCGAC  TACCAAGGGA  CCAGCACCAC  AGACGTGGAA  CTGTCCATGC
193651   TTTGCCCGGA  CAATAGGGCC  AGCACACAGA  AGATCCAAGC  AGGCCAAGGC
193701   TGCATCTAAA  GCTGAACTTG  GCAACATGTA  AGAGTCTCTC  ATGTGATATT
193751   GGTTTTGAAG  ATGTGAAAGC  TTGCAAGGTT  GAGGGACCGA  GGACCAACAC
193801   CCCATGACAT  TGTTGGCGGC  CAAAGGATTC  CTGTGGTAAA  GGTGCAGCAT
193851   CCTTTGCAGG  GGAGACCCAG  GGCACTGGCT  GGAGATGAGT  CCTCATATTG
193901   GACAGCTGCC  AATGAAGCGG  CAGGTGTGCA  GTGGAGCTGG  CCTGAGGCAA
193951   TGACATAAGC  TACAGGTGCT  GCTGCTGGCC  GAGCTAGAGA  AGCAGAACTG
194001   CCCAAGAGAG  AGATCTGTGT  AGCACATAGC  AATGCTTGAG  GGGCGGGGCC
194051   TTCAAGCCTA  TAGCAACGCT  CGAGGGGCGG  AACCACCAAG  CCCATTGAAA
194101   CTGATGCCTA  AAGTTGGGCA  CGCAGTTACA  GTACGTGGCG  TATGCCCTGC
194151   TGGCTTCCAG  CCATGCTACG  GTCTAGCCTT  TCTTGCCCAC  ACCTCCAGTC
194201   CTCCCTTTGG  GAATGGGAGT  GTATGCCACA  AGCCCCATTT  CATTTTAGAG
194251   CTTATCGATT  TCACCATCTT  AGGCCAAGAA  TGATTGACTT  CTCATTCCTA
194301   AGTGGCATTT  TAAAAATCAA  TTTTGAGTTT  GAAAAAGTTA  TAAAAAGTGT
194351   TGGGATGGCA  TACAAGCCAT  TCAGAGGTAG  AAAGAATAAA  GTTAAATGTT
194401   AACATCAACA  TAGACGTTTT  AATAAAAGTC  AGTAAGGTCT  CTGTTAAAGT
194451   AGCATCACAA  AATAATACCC  GTTTCAGATG  TATTGTCCGG  TGTCTGAGGG
194501   GTGGGGGGTG  GGGAGCAGGA  GTAGGTCTTT  GTAGGCGTGA  CACCATTAGC
194551   AGAACTAGAG  AAAACTCAAA  AAGAGAAAGC  AGATACATCT  CTATGAGAGT
194601   TCCCTCTTTA  TAGTAAGAGC  TCTGCAGAGA  AGGCTAAAAA  CTAACATCAA
194651   TATGGGAAAG  TGTTGGCCAC  ATATGTAGCA  AAGAGTTATT  ATGCAGAACT
194701   TATAGATTAA  TAAGCAGAAG  ATGGACTGTT  CAGCTAAAAG  TGGAATACCA
194751   ATATACAGGC  ACAGTATAGG  CACCGATGGC  CGCCAGCACA  TCCCTTCCCC
194801   CCTGACTATA  CCCATCACTG  CCCATCATTT  GCCAAGTTGG  CCTTGGGCTA
194851   AGAGCTTCAC  CTCAACACTC  AATAAAGCAC  CAGGCAAGGT  GCATCAGCTC
194901   CCAGAGAAAC  TCAGGACAAA  TGGCTAACTG  TGGTGCCTGT  AGCTTACGAA
194951   GCGCATGTTG  CTCTCAGGCT  CTCTCGGCAA  GTACCTGTTA  CAGAATCCAT
195001   GCTCCTGATC  CTGGCTCCTC  TCAGCTCTCT  CACCCCATGT  CCCACTCTAA
195051   ACCTCTAGCT  TGGGGGCTTT  GCTTCCCTTG  CCCCCCAGCT  TCTGATTCTT
195101   ATGTAAGCCA  GCTGTTAGGC  CACATGCTCT  GTCTTAGTCA  GGGTTCTACT
195151   GCTGTGAACA  GACACCATGA  CCAAGGCAAC  TCTTATAAGG  ACAACATTTA
195201   ATTGGGGCTG  ACTTACAGGT  TCAGAGGTTC  AGTGCATTGT  CATTAAGATG
195251   GGAGCATGGC  AGCATCCAGG  CAGGCATGGT  GCAGGAAGAG  CTGAGAGTTC
195301   TTCATCTTCA  CTCTGCTAGC  AGAATACTGA  CTTCCAGGCA  GCTAGGATGA
195351   GGGTCTTAAA  TCCCACACTC  AGTGACACAC  CTACTCCAAG  GCCACACCCA
195401   CTCCAAGGCC  ACACCTACTC  CAAGGCCACA  CCTACTCCAA  CAAGGTCACA
195451   CCTTCTAATA  GTGCCACTCC  CTAGACCGAG  CATGTCTAAA  CCATAACACG
195501   GTCCTTGGTT  CTTCTCTCTT  GGTCCTCTTG  ATCTCCCTCT  TCGCTCTTCA
195551   GTTCCTCCCT  CTTAAGTTTC  CTGTTCTCTA  GCGCAACAGC  ACAGGCTGCT
195601   TCTGTACTTG  AAGAGAAAAA  TGCAGTGGAC  GCAACCAGAA  GTTACTGGTT
195651   TTGTAGCAGA  TCAGTAATTA  TTGGAAAATA  GTACATGTGT  TACAGAATTT
195701   TTTTATGTCA  AATTGACACA  AGCTGGGATC  ATTAGGATTG  CCCTGGAAGC
195751   AGTCTGTAGG  ACATTTTATT  TATTGATGCT  TGACGTGGGA  GCACCCACTT
195801   CACTGTGGAT  GGGTCCACCC  CTGGGCAGGT  GGTCCTGGAT  GGAGTTAAAA
195851   AGCCGGGGGA  GCCAGTCAGC  AAGCAGTTCT  CCTCCCTGGC  CTCTCCTTCA
195901   GTTAGTGCTT  CCAGTTCCAG  CCTTGACTTC  CCTTCATGTG  GGACTGTGGC
195951   TGGGCCATGA  AAGTTGAGGT  GAGCCCTTTC  CTGCCACGTT  GGTTTTGGTC
196001   ATGGTGCTTA  TCATAGCGGT  GGAATTCCTA  ACGAGGACAG  TACTCTCACA
196051   GCTGGGGAAC  GTCAGTGCAC  GAAGTTTGCG  ATAATAGATT  GTGGGAGCAT
196101   GTATGAACGG  GCATGCTCTT  CATTTTGACA  GTATTTATCA  CAGGCTGCGC
196151   CCTTCAGCAT  AGCGTTTCTA  CTTCTAAGAC  TCTTTCTGAA  AGGAGCAATT
196201   AAAAATTGAT  TAACTAATTA  ATTAGTATTT  ATTTGAGACA  AGATCTTGCT
196251   TTATAGAGTA  GCCTGGCTGT  GAACTCATAG  AGATCCACCT  GCCTCTGTCC
196301   CAAGTGCTGG  AATAAAAGGT  GCTTACCACC  CCCTGGCTCT  ATAAGGACTA
196351   ATCGGGCAAG  TACTTGTATA  TAAAAGCATA  TTCCTACCAG  TATTGTTTAT
196401   ATAAGTAAAA  GGCCCAAATC  AGTATCTGTC  ATTGAGCCAT  TGCTCAACTC
196451   AGGAGTGGGA  GAACTAAAGT  GGCATATCTA  GTTACTAAGT  TTTAAATATT
196501   GCTCCTAATT  TCCAACTGGC  TGGAACAAGA  AGGCAGAACA  AAGCAGTTAC
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71

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196551   GTAACAGGAC  ATGCGGCTCA  GCGGAGCTGG  ACAGCTCCGG  TGTTATGTGC
196601   TGAAGTGTGC  CTGCCAGTCA  GAGGCTGGGG  AGCCTGGCAT  GTAGAGCCGA
196651   TGTCTTTTCT  CCCGTATGCC  TTCCTACAGT  ATCTGCGGAT  ACAGTTTTAC
196701   TATTACATTT  GCCGAGGTAT  TTACTCTAGT  TGGTAATTTT  TTTTTTCTTC
196751   AAAATGGTGG  CGCATCTCAC  CTTGAAGACT  GAGCTCACGG  GTTGGTGACT
196801   AGGAAAGTGT  TCTACAAAG   CTCGTTAACT  TTGCGTTCAT  TCATGAGTTT
196851   GGGGGTACTT  TTAAAACTTC  CATTTCCTTG  AGAGCAGTTG  ATGCAAGTAT
196901   CAGATTATAT  ATGCACACGA  ATTCTCAGGT  TTTCCCAAGA  ATTTTAATAG
196951   TTGTCCAGCT  GTCTGGTTTT  CAATTCCACT  CAGTGTGAAA  GCTGTGCTGA
197001   GTAAATTTCG  TGGTAGAAGT  GAGGAAGTCC  TACTGATGGT  CCCTAAACCA
197051   GTAGGTTTGC  AATGTTAGCT  TTCCTCATTG  GACTCGCGTA  CCCTCTTAAC
197101   TCCAAAACGA  AATGTCCAG   TAGGATCTAA  CCAAGTGGCT  GAGGGGACCT
197151   GCCCGAGGAG  TCTTGATAAT  TTTTTGATAA  CACATAATCT  TAAGCACATC
197201   TGAGCTCCAG  GTCTAGAGAA  GACTCCTTTT  TCTGATAGTC  AGTCATGTTA
197251   GGAACATCTT  GAAGGACCTG  ATAGAGCCAA  AACCAATTAT  GAAACGAGAT
197301   GGGCTTGGGG  GTGAACCTTT  CATCTCAGCA  CTCAGGAGGC  AGCGGCAGGA
197351   AGGTCTCTGC  ACATTTGAGG  CCAGCCTGGC  CAGTGTAGTG  AGTCCCAGGG
197401   CAGCCAGGGC  TGCATAGCAA  CATTCCGACC  CAGATAACTA  AGGAGCAGTG
197451   AGCGGTTTGC  ACAGTGGCTA  ACCATCATCC  TGCATACTCA  AAGAGCACCG
197501   GCCAGTGATA  ACAGTAAGGA  CTAGTCGACA  TAGCGCCTCC  CAGTATCTGG
197551   ACACAGATGT  GTGCATTCTG  CTTAAAGAAA  CAGGTGGATT  TAGAAAGAGT
197601   GCTTCATTTC  TCACCAGAAG  GAAAAAGAGA  GGCACAGGTA  GTGAAGACGC
197651   TGACTTTAGA  AAACTCTAGA  TACCTTCAGG  GAGCAAGCAG  AGCAAGGAGA
197701   CCGTTGCAGA  GAAAATGCTC  AAGGAAGGCC  TTTAGAGGAG  CCTTTTAATG
197751   CAGTAGGAAT  TCTGAGTTCA  TCCCTAAGTT  GTTGCATTGA  CACAGTCCTT
197801   TCATTTTGAT  ATTCTCAGTA  AATGTGTTTT  TTTGTTTTTT  TGTTTTTTTT
197851   TGGGGGGGGG  GTCAGACCGA  CCTAGGTTAA  AATTAAAATC  CAGGCTCCTT
197901   CATTTGGAGT  AGTTTTTAAA  AACTTGAGCA  AGTTCAAGCT  TTCCTAAGCT
197951   TCAGTGTTCT  CATCCCCAAA  TGGAAACCTC  CGGAAGGTGC  CAAGATTAAA
198001   TGAGATATTG  TTATAAATAA  CCTAACAGTA  CCACACTAAA  TGCCAGTAAA
198051   GTGCCCGGTA  AGTGGCTTAT  TTTGCTGTGC  ACATTTGTTT  ATTTTAGAAG
198101   AGTTTATCGT  GCTACACGAT  AAGTTGACAG  TCCTAGGTTC  ACACCTGCCT
198151   CCACTGTTTG  ATAACACATA  ATCTCAAGCA  CATCCGAGCT  CCAGGTCTTT
198201   GCCCACAGAA  TGGTTATCAG  TACTCTTTAT  CTTGTCAGAA  CTTGTGAGGT
198251   CAGAGGCAAC  CCAGTCTGTG  CTCGCCAGAG  TCTCTGCCTG  GGACAGAGTT
198301   AGTGCTCGGT  GAGTGGTTAT  TGTCACAAAG  CGAATAAGCC  CTGAAGAGCG
198351   TCTTAGGTCT  TGTCATATTT  CCCCTCCTGC  CTTTGCTTTT  TACCTCCAGC
198401   TGTAGTCTTT  AAGAATTTGG  ATGTGCACAA  TTAAGACTAC  AGCCCAGGGC
198451   CAGGTTAAGA  TGTAATACTC  AAATGTGTAT  TACAAGAGGA  GGCTGGAGAG
198501   ATGGCCGCTC  TCGTGGAAGA  CTCAGATCAG  TTCCCAGTAC  CTATGGCAGC
198551   TCACAACCAT  CTGTAACTCG  AGTTCCAGGG  GATCTGATGG  CCTTTTCTGG
198601   CTCTTGTGGG  TACCAGTCAT  GCAGCGTGCA  CAGAGACACA  TGTGACGCTA
198651   TACTTGAGAG  AGACACGCAG  AAGCACCACG  ACTGGTGGGC  TGTAGTAGGG
198701   AAGGGTATCT  GCCCTCGGCC  TTTGGTCTCT  TGGGAAGAAG  TGTCAAGTGG
198751   AACATGTGCT  GTCCCGCTCA  CTGACGTCAC  TGATGAATGG  GATGTCACTG
198801   ACCTTTGACC  GTGCAACCCA  GCTGAGCAGC  CAGTCCCATC  ATCGCTCTGG
198851   AGGTACCTGG  CATGCCAGCT  GGCACGCACA  TTGATGAAAC  CCTTCCTGTG
198901   GCGACTGCCC  CCTGGACAAA  CTTCTTCCAC  ACACCCCGTC  ATGTTCCACT
198951   AGACCACGGA  ATGATGCCTA  ATGTGAATTT  CCATATGTCT  GTCATCTACA
199001   ATCTCCTGAC  CATCTACGAT  CCTGTCGTTG  TCTAGGTCTC  TAGCCCTTAG
199051   TGATTTGCAT  ATGGCAGTGA  ACGTGGACAA  ATGGTCTCGG  ACCTCAAGGA
199101   GCTTACGTTT  TAGAGGACAG  AAGCATCTTT  TTTAAGTGTT  ACAACACTTG
199151   CTGTTTGGAG  CAAGTATGGA  AATTCTGAAA  TCAGAAATGC  TTTCCTTTGG
199201   TCGGTGAGGA  AAGCGCAATT  AAATAATCAG  CCCAGATCGC  AGTGTTGTAT
199251   ACAGAGCCTG  CATTTCCCAC  CCTCATCTCA  GCACCGTTCT  TTTACCTGTA
199301   GTGCTGCATT  TCTTTTCTGA  ATATATTTTC  AGGCATTAAC  AGATCCCCAC
199351   CTTGAGTTTT  TCTTTATTCT  TCAATCATAG  ATGGTGTAGG  GAACTTGAAG
199401   GGCGATTATG  TGAGTTCCGT  TCATTCCTTG  ATGCATTTAT  TCTCATTGCC
199451   CTTAAAGTGG  GATTTAAAAT  CCAGAACATC  CCCCGTAGTG  CCTTACCAGA
199501   TCTGGCTCAT  GCCATTTCTG  AGCTCTGCAT  GCAGACCTAG  CCCTGTAGTC
199551   CCCGTCTTCT  TCTGGCTACT  GTGCTCCTTC  CGGCTTCAGA  CCGCTGCCCT
199601   TCCTCTGGCT  CAGCATGTTC  CTTCTTCCTG  TCTCCTCCAC  ACATTAGGCC
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72

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199651  AGCCTTGCTT  CATGCACAGA  GCTCAGCTCA  TATCCCCATG  TGCCATATTC
199701  CCATGTCCTT  TTTCTTCTAC  AGATTTATGC  ATGTGAGCCT  TTTGTCAGCA
199751  CATGTGCATT  TATGCCACGA  ATGTGAGTTATG  GATGGTTGCA  AGCTATGTGG
199801  GGTGCTAGAT  CCCCTGGAAC  TGGAGTTATG  GATGGTTGCA  AGCTATGTGG
199851  GTGCTGTGAA  CCAAACCCAG  GTCCTCTGCA  AGAGCAGCAA  GTGCTTGTGA
199901  CCACAGAGCC  ATCTCTCCAG  TCCCTGCACT  TGTATTTTAT  AGCACACCCA
199951  GCACAGTACA  TGGCTATGAT  GACTGCCTGC  TCTCATTCTT  GAATGGCTAG
200001  AGCATACGAG  GGTGTTGACA  CTGCAAACTA  AATGAATGGA  TGAAGGAACT
200051  TAAGTGGCTT  CCTGTTGACA  TAAGTGCATA  TGGTGTGTCC  TCCTGGGACA
200101  CAGAACATCA  TGATAAAGTT  TAAGTGCATA  TGGTGTGTCC  TCCTGGGACA
200151  TGACTTTAGC  AATGAACGCA  GCTTATAAAG  TAGTGCAGGT  TTCTCATGTT
200201  TTGCTAATGT  TTAAATAAAA  AAGCAGGATA  ACATCACTA  AGATTTGGAA
200251  AATAAATAAA  CAGGCTGCAA  AATGTAACAC  GAAGGGATAC  AGACCTGGTG
200301  GAGACAGGGG  TTGGGGAGAA  GAGAATAAAT  TAGTTTATTG  TCTTTTTAAA
200351  ACGTCTCTTT  CCCCTTAGAC  TGTGAATGGC  TTGATGCCAG  CCACCAAAAC
200401  TTATGTTTAT  ATCTTTAGGA  AGAATATATT  CCTCTGTACA  AATCAACTCT
200451  TGAGCAAACT  TGAATAAGTC  GTAGACCTTT  GGAGCCAACT  TCACATGTTC
200501  TTAATGCTGA  TATTACACAC  AGAAGCAGTA  TAATTTATGC  AAAGAATACT
200551  GTATACAGAA  TCAGAGAGCT  CTAGTATCTT  AGTTACTTTG  CTATTGTTGT
200601  AATAAGCCAC  CATGAGCAAG  ACAGTTTATA  GAAGAGTTTA  TTGGGGCCTT
200651  AGGGTTTCAG  AGGGTTAGAG  TCCATGCGAA  TGATGGCAGG  GAGCATAGCA
200701  GCTGACAAAG  AGGCATTGTG  TTGGAGCAGT  GGGAATGGCG  TGGGCTTTTG
200751  AGACACAAGT  ACCAGGCAGA  GGATCTAACT  CTCTTCCAAC  AAGGCCACAC
200801  AAACCTCAAA  GTACTGCCCC  AGTGAGACAC  TGGGGGTGGG  AGGGCAAGCA
200851  CTCCTAATCT  GTCCCAAACA  GTTCCACCAA  TTCATTCAAC  TTCTCTAACC
200901  TTCAAGTATA  TGAACCTGTG  GGGTGCCATT  TTCATTCAAC  TTCTCTAACC
200951  TAGGTTTAAA  ATTACAATTA  AGTTTAAAAC  CTGGGTTTAA  AACTATAATT
201001  AAGTGAAGGT  TAATTGTGCC  TATCAAGTAG  AGTGTGCTGT  GCAGGCGTAG
201051  TGTGTAACCA  GGTATATCTC  AGCAGGTGTA  GTGTGTAACC  AGGTGTATCT
201101  CAGCAGGTGT  AGTGTGTAAC  CAGGTATATC  TCAGCAGGTG  TAGTGTGTAA
201151  CCAGGTGAAT  CTCAGCAGGT  GTAGTGTGTA  ACCAGGTGTA  TCTCAGCAGG
201201  TGTAGTGTGT  AACCAGGTGT  ATCTCAGCAG  GGGTATGTGC  ATCCTTTTTG
201251  CCTTTCTCTT  TAGCCTAGTC  CCAGAAATAT  ATAGTAAATA  GATCATTAAA
201301  CAGAAGCAGG  TAACCTCAGG  GTCTTTGAAT  CATAGCAATA  GAGTTATACC
201351  TTGTTTACCC  AGACAATTAT  GGGATGCTTC  ACCTGCAACC  CAAGACAGTG
201401  TGTAGGAGCT  GGGGAGCTGT  CCATTCTTGT  CCACAGTCAG  ACTGTAACTA
201451  AAAATATGGA  CCAAACGGTT  TTTCTAACAT  CCTAGGGTTC  AAAGCTGTTT
201501  GTCCACTGTA  GTAAGTTCTG  TCTTTCCAGT  CTTACAGGCA  CCCCCCATGC
201551  TCACTTCCTA  CAGCAGTTCC  TTGCGTTGCT  AATTTCATCT  GTTCTTTAGT
201601  ATCCATTCCC  CCATCTCTTT  CTGTTCTTTA  CCACCTATCA  CCCCCCCACA
201651  CACACAGTTA  AGATGGGGAG  AGGGTAAGAA  TATGGGGTGA  TGGTAGAGCA
201701  CATGCCTACC  ATGTATAAGG  TTCCAAGTTT  AGTCCTCAAT  ACAGAAATCA
201751  ATAAATGCAC  AATCCTTGTA  TTTATGTATC  TGTTCATTTC  TTTTAAAAGA
201801  TCAGTGGATG  TCGGATGTGT  CAAATGTTGA  TGGTGAGTTCT  CTGGTTGCCC
201851  CCTGATTTCT  TTTGGAATGT  GTCTGGAGTT  GGTGAGTTCT  CTGGTTGCCC
201901  AGCCGCCCCC  CCCACCCCCA  CTAGGATACA  GAGGCCACGG  AAGTATGAAG
201951  AGTGTTCTTT  CTCCTTTGAT  TGTAGCGTGA  CAGAAATACA  GCAGCCACCT
202001  GCTGAATCTG  CAACCTTATG  GGTTAGAAAC  CAACTAGGTC  TCCAAGGAGT
202051  TGTGTTAGTT  CTTGTGAGGC  ACTACACAGA  GAGCAGGCTT  GGTGCCATCT
202101  TTGGAGCCCA  GTCAGGGGAG  ATGGACATGA  AGGGACAGAG  GAGGCAGTGG
202151  GAGCACATAG  CATAGGCACA  TGCATGAGGG  GCAGAGCTTG  CCACGTAAAC  AGGGTGAGGG
202201  TGGGGCTGTG  AAGGAATAAG  GCAGAGCTTG  CCACGTAAAC  AGGGTGAGGG
202251  GACAGCGTGG  CGTGTTCAGG  GATTTCTGTC  TGTGTGGCTG  TTTCTGTACT
202301  GTCAGGTGTG  AAGTGTCACG  GTGCGAGGCT  ATGGGATCTC  TTTTTCTTTA
202351  CTTGGTTCCC  CAAATAAAAA  TGAAGCCTTC  CCATCTGTCT  AGGATAGCAT
202401  GGGTGATATT  TTTCCTAAAC  ATTGTACATA  TTGAGATTAT  ATTAGCTAAT
202451  TTAAACAGTG  TACATATTGG  AAATTATATT  AGCTAATTTA  AACTGTGCAT
202501  ATTGAGATTA  TATTAGCTAA  TTTAAACAGT  GTGCATATTG  AGATTATATT
202551  AGCTAATTTA  AAAGAAAGAA  TCCACATTTT  GCTCTTTACT  AGTCAGCCTC
202601  TAGTGCCGAT  TAGGTGTGGG  GTTTTGAACC  ACCTGAGGTC  ATCTTTGTG
202651  CCCTCTTAGG  GGCAGACACC  ACCACAAAAG  CATTACCTCA  CAGAAGGATG
202701  GTCTATACTG  TAGGCAGTTC  CCAGGGACTT  GATAGAGTAG  TGAGGAGAAG
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73

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202751   AATGGGGGCG   GCCCCCACCT   TGCCCACCGT   GGCTGGCCAT   GCACCTCGGA
202801   TACTGTGTAC   CTTTAAAATC   ACACCTGTTG   TACGCCTTGG   TGGCCTTTCC
202851   AGGCCAGGGA   TCTGGGTAGT   CAGTTTATAG   TTCTAGGAAC   CGAGCGAGAC
202901   TGCTGTGTTA   GCACTTGTGT   GCCTTTTATG   GGCCAGGGAA   TGGTGTTGAG
202951   GGAATCTAGG   CAGCTGGAAC   CTGCAGCCCT   AGCAGTTTGG   TCCGAGGAAG
203001   AACTTTGGGG   GTGAGAAAAT   ACAGCTCATT   ATATAAAGCT   ATGCTGGTGC
203051   TCACACAGCT   TGGAGGGCAG   AGGACCAGTA   TTCCAAAGGC   AAGGGGGAGT
203101   GACCTGACTG   CCTCCCCCCA   CCCCCCCTGA   TCCTTTTTGT   GAGAGCTGCC
203151   TTTGGGATCA   CAGTGGCTTG   CTTTGAAAAG   GGCGGCACTC   TTCTGTTGCT
203201   GCCTCTGAGT   TGTTTTGTTA   ATTGGCACAA   AACAACAGCT   ACACACACAC
203251   ACACACACAC   ACACACACAC   ACGAGATTAT   ATTAGCTAAT   TTAAACAGGG
203301   TACATATTGA   GATTATATTA   GCTAATTTAA   AAGAAAGAAT   CCACATTTTG
203351   CTCTTTACTA   GTCATATATG   TGTGTGTGTA   TATGTACATG   TACATGTACA
203401   TGTACATGTA   CATGTACATG   TACATGTACA   TATACATATA   CATATACATG
203451   CAAGGTTAGA   GGAAAAAGGG   CTGGCTGAAG   AGGGGCTGGG   GGTGGGGTGG
203501   GGAGGCGAAA   AGAGGTGCAG   AGGACCTGAG   GCAGGTCACA   GGCACCCCTG
203551   CCACTCTGCC   ATGGGAGGCT   GTCACCAGCC   CATCCTAGCT   TCCCTCCTTG
203601   AGATGCCCTT   GCCAGCCTCA   GGCTCCTTAC   AGCAGCAAGG   TGCCGAGGTG
203651   GCCCAACTCA   GCAAGCTGGG   CAAGCCAGTC   CTAGGACAAG   CCCGCCAGGA
203701   TCATGCCAGG   ATGCCAAACT   CTTCAGCCTG   CCCAATGCCA   GCTTCAGCCC
203751   AAATAAAGGT   GGCCTATCCC   GTTCTGTGCA   TAAAGCCACA   AACAGTAAAA
203801   CCCCTTCTCT   GTGGAAAATC   CCAGAAGATA   ACGGGCCAGA   GTCAAGAGGA
203851   ATAAGACAGA   AAGTCAGAAC   ATTTAAAGCT   AGAGAGCAGA   GGAGGATGTT
203901   CAGGTACAAA   GGAGAAAGAA   GAGAGGCACG   CCTGGTTGGC   TTCGGAAACT
203951   GTCACGAGGC   GAACCCATCA   TTAGTTTGCT   GCAGCTGCTT   TCTCTGATCT
204001   AGTTTCCATT   CTTAAAGTGG   GACTTTGAAA   TGATATAGGG   AATCTGGAGC
204051   CGAGATACGG   TGTGGTCCAT   CCCCTGTTCC   AGTTCCAACC   TGACCCGGGT
204101   TGGGTTGTGT   CCTGCCTGTC   CATCCTCACT   CCCAGCCCCG   CCCACCCCGT
204151   TTCATGGCAA   CTACGTAGGT   GTCTGACTGA   CATTTGAGCT   GAACTTGACA
204201   GACTGAAGTT   GGCAGTTGTC   AGAGTCTTGT   AGAAATTAGA   GAACGCTGTG
204251   GGCCAAACAC   TGTAGCCTCT   TTTAAAAGGT   ATACACCCTG   CTTATTTACA
204301   GTATGAATTT   GATGTTGATA   CTTATTCATC   CTAACCAGAT   GTATCGAACG
204351   ATATAATCCG   TTATTTTTAA   AACGTGTTAA   TTTGGTTTTA   TAACACCATT
204401   CTGGTTGTAG   TGTAAGCCAA   GGAGCCAGAT   TTGCCTGAGC   CACAGATCTC
204451   TGTATTGACA   CCCGAGGATT   TCTTTTTTAA   AAAGACTCCT   AAGATTAAAT
204501   ATCAAGCATA   CAGTCAGCAC   AATACAGTCA   GAAGTGGCAA   GGCTGTTGTC
204551   AGTTCCTGTT   GGCATGCTCC   CCTGAACCAC   CGAATTTTAA   CAACACAAAA
204601   GACCACCACC   TCCACCACCA   TCACAAAGG   AAAACCCAAA   TCCTTGAAAT
204651   GGGCAAAAAA   GAAAGATGGC   TGAGGTTAAA   AGTATTGTCC   TCATCTTAGA
204701   AATAAAGGAA   TTATTTTTTT   ATCTGTTAAG   GAAAAAATTT   CCCATGCTGT
204751   CCCATTGTCT   TAGAGCGGAA   TGCAGGGTTT   TATAGGGAGA   AGACTAGAAA
204801   CCACTGTAGA   GGCTACTCAT   TTTCACCAGG   CCTTCCTGCC   TCACGCCATC
204851   TCATTAATCA   TAAGAGGCTT   TCGTTAAAAC   ATTCAACTCA   TTTATTTTGG
204901   AACACTCGAC   TTCAGAAGAT   GCTCACTGTT   TCTTATTACA   TAGAAAATCT
204951   AAACATTTTC   TAGTTTAAGG   AACAAAGCAT   AAACTAAGAC   TTCGCTGGGG
205001   CTGGGGTGGA   GGTGGGGGTG   GGGGTGGGGG   TGGGGGTGGG   GTCTGGCCAA
205051   AGAGACTGGC   AGCTCGTAGA   AGAGAGCTTG   TCCTGAGCCA   GTTCTGTGTG
205101   CATTTACAGC   AACCAGCTGT   ATGCACCAGG   ACTGGAGTGC   CGGCTTCTGG
205151   CATCCTCAGC   TGCATAGAAC   TGACTTTTAA   AGTAGAAAAA   ACAAAAACAA
205201   AAACAAAAAA   CCCCAACATC   TGCTGAAGGA   GACCAGGTGA   TTTCTAGATA
205251   TTTAATTTGA   TGAGTTGGAA   TTAGATGGTC   AAGGGGAAAT   AACTGCTTTT
205301   CAATATCTAA   GTGTTTTCTT   CCTTGAAAAA   AAATTCAGTT   AAGTGTGATA
205351   AACGCCCAGG   AATGAGGCCC   CATCCAGCCA   CAGGAAAGAC   ATTGTGGCTT
205401   TTAAGCTGCT   GGCACTTTTC   TTTGATGTTA   ATATTCTTTT   CTTTTTTTAA
205451   TTTGAAGGA   GCTTATTAGA   TGTGTTGCTT   TCCCATAGGA   TTCCATATTG
205501   TGGTTTACTT   TCAAATTATG   AAATATTTTT   AAAAGAGTCC   GGGTGACCTT
205551   TTGCCATCAG   TTTTGTTCCT   GTGACACATG   AGAGCAATAT   ACAGTTTGTT
205601   CTTAGCATAT   AAGACTGTGT   CTTAGTGACA   GGCATGCTTT   TGTGGTGAAA
205651   GACCCAACTG   GAAAAATGTC   ACATGTGGTC   ACTCATAATC   ATTTGGAAAT
205701   TCACTTGTCA   TTAAAGAATA   CAAAAAAGCA   GCCACAGACT   AGCATTGCTG
205751   GGCTATTTAT   GATTACTGTA   GCAGTTTTGT   GTGACTGGGC   TCCCTTTCCT
205801   AACAGCGAGA   TACAAAGCAA   GCAGCATCTT   TGCTCGGAGG   GATGTTCCTC
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74

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205851  TGATAATTTT  GTTGTATGAG  AGTCTACCTG  CTCAAAGCAG  TTGGACTTTC
205901  GGTTTTAAGC  GGCTCTCTGC  CTGCCGGCTG  CTGTCTGCTG  CTTCCAGCTT
205951  TGCCTGTGGC  CTGCTAGCCA  AGTAATCCTT  ACAACATTTT  TCTTTGCTTT
206001  CTTATAAACA  GTTTAGAGTC  CTCCTTGCCT  TTCTTGAGGC  CTGCGGTAAA
206051  GTTGGAAGAG  GGGAAGTCCA  TATGAAACTG  TCCTTTGTCT  TTTCCTCCAT
206101  ACTCTATGCA  GGAGTACCCA  GAGCGGCTTC  TGGGGAGGTA  ATTTTGTCCG
206151  CCTGAGGGTT  TTACAATAGG  TTCTGTTGTT  CTTATGCGTA  GGCAAAGACA
206201  TGTCTTTTTG  TTTAGAGGAT  TTTGAAATGT  GTTCCTCCAC  CCAGAGCACC
206251  CAAGCCCAGG  CTAAGCACAG  AATCCTTTTA  TAACTACAGG  TTATGATCTG
206301  ATTCACTAGA  AACAAGGGCC  GGTGTTAAAA  ACAGAGCCTA  AGGATCTTGA
206351  GCCCCTCTGT  AAGGATTACC  AAAAGAAACC  AGTGAAATGT  ATCAAGGAAG
206401  GAAGCTACAG  TCAAAACTGT  ATTTCTTCTT  TAAAATAATTT  GTGTGTGGAA
206451  GGAAGCTTTG  CATCTGATTC  TCAGCTACCA  AAAATAATTT  GTGTGTGGAA
206501  GATGCCTCAG  AAATGGAATA  TACTTAGGCG  CCCACGGCTG  ACTGCTTTTC
206551  AGATGTGTGG  TTATCAGTTG  TAGCTTGAAT  TTAGAGAGTA  CGAGATGATG
206601  CAGACAGGGT  TCCTGGGGGG  TTAGTTTGTT  ACTTTCTGAG  ATAGTTATTT
206651  TCTGAGATTC  TGATGAGAAG  CCTGACAGAA  TGCCTTCAAC  CTCTGTGACT
206701  CCCAGGAAAT  GCTGTTAGCT  TTATTCTGGT  TTCATAGTTT  TGGTCAAGGT
206751  AGATTCCAGA  ATAAAACAGA  CATTTTCTTC  TTAGTAAAAA  GGGGACGAGG
206801  CATCCTATTC  CTAGGCTCGG  AACTAAGGCA  AGTCTTGCGC  TTACCCTACT
206851  CTGTTGCATT  CTCGGGTTAT  CAGATTTGCA  AGTCGGAGTT  GGGGAAAGTT
206901  TCTATCGGGA  CTCAAGCAAC  TCAGCCTCCA  GTCCTTGCTA  ATACCAACAA
206951  CCCGAAGGCA  GTTTTCTACC  ACCTGGGAAA  GAAAAAAAAA  TCTTTCTAAA
207001  AGATGGCACA  CGGCTTGCTT  TCCTGTGCAC  TTTCAGCAGG  TCTAGAGCTG
207051  CATCTGGCCG  AGTCGGGTAA  TCCAATCTAT  TTTAACGCAA  AGATTTTCCG
207101  AGAAGGCAGG  AAACCAGCAA  GGGGGAAGGC  TTTCAGGCAT  CTGCTGTTTC
207151  GTTTCCAGAT  CCCTTGTGTT  AATTTAATGT  TTCTAGGGAA  CCCGGGGTTT
207201  TTTCTCGGAA  TCTCTTCTCT  AGGAACTGGT  GTGTGCCGCG  ATAAGGCTAA
207251  GACTAAGGGG  GCTGCAGCCG  GAGGCAGCGT  CCCCGCTCCA  GGGTGCAGAC
207301  TTTCCCCGCC  GCCACCGCCA  CCGCCACTGC  CACCGCGAGG  GTGACAGCAC
207351  CCTTCGAAGA  GTGAGTGTTT  GCCTGTGTGC  AATTAGGAAA  GGCAACCCCG
207401  TGAAGCGATC  GACATGCCCT  CACCCCATCA  AAACCAGGGC  AACTCGACTC
207451  TGTTGAGGAA  ACAAACTCCA  TTCCATCCCA  AGCCGGAGTG  AAACGTGAGC
207501  TTTGCACAAA  CACTGGCACT  GCTTCGGGAA  TACCGGGAAA  CTCGCCTTTC
207551  TTCCAGCGGC  CTCCGCAGAG  CTTTGCCCAG  ACAGCAGTAC  TAGCTTGCTG
207601  GGGGTTTTAG  TGTGTGAGAT  GAGTTTTGGT  TCCGTGCTTG  CAGCCAGGTG
207651  TTAGCACTGG  TGTGTGTTGG  GCCCTATCAG  CCCTATGACC  AACAGCCGGC
207701  CTGGCCTCTC  CAGCGTCTCC  TCTCCCGCCA  TGGACCTGAA  GCCTCACTCA
207751  AACCTCGCTT  CTGCAAAGGC  GTCCTGTAGA  CAAAAGCCTG  CCCTTAAAAA
207801  TTTTAAAGAC  TGTATGCTAT  TCCTGTTTAG  ACTCACGCAA  TGGGGATAAT
207851  CCATGCTGCC  CTGAAAATAG  GGTTGAGAAC  TAAGATGGAG  TGAGTTCACG
207901  TGGCCCTTTA  ATAGTAGAAA  CAGAACCGGA  ACTCCGATAA  ACCCAGCATT
207951  CTGTTACTGA  GTTACAGAAC  TATTCTACAG  AATCCTAGAG  GTGGACCAGA
208001  GTGTTGTCCT  CTTGTCATCC  CCCCCCCCCC  TATGACATTC  TAGCAATCTG
208051  GCTGTTTCTG  ATTGCTGTGG  TTGTGATTGC  ACACAATTCC  ATCGCTGGAA
208101  AACTCTAATG  ATTGCACTGT  TGTTTCGAAC  ACTAACTGGA  ATTCTCTGAG
208151  AAACTGTTCT  TTAAACAATG  AAAGGCTAAA  ATTACTCTTT  TCCGCATATT
208201  TTTAATTGGT  GTGGATGTAT  TTGAAAATCA  TGATAAAAAT  GAGCTTTCTA
208251  TTGTGTTCAC  ATTTAGGTTC  CAGTCCAGGC  TGTGTGTGCT  ATGAATTATT
208301  GGGAACAATC  TTTGGTTTCT  AGGTAGTGCT  TTGAGGTTAT  GTAATGAAAT
208351  GTTATATTGT  AATATTTTAA  CATTTTAAAT  GATTTGACAC  TTAATATTTA
208401  TTATTTTTTT  TTATGTGCTT  TGGTATTTGA  CCTGCATGTA  TGTCTGTGTG
208451  AAGGTGTCAG  ATCCCCTGGA  ATTGGAGTTA  TAGATACTTG  TTAACTGCTA
208501  TATGGATGCT  GGGAATTGAA  CCTGTTTCCT  CTGAAAAAAC  AGCCAGTGCT
208551  TTTAACAATG  GAGCCATCTC  TCCAGCTCTC  CTCCTCCTAT  TATTATTATT
208601  ATTATTATTA  TTATTACTAT  TACTAATGTG  TGCTCCAGAG  GACAACTTCT
208651  GAACAGTTGC  TACCTTCTTT  GATACAGGGT  CTCTCATTGG  CCTGGTGCTC
208701  ATGGATTAGG  CTAGCAAGCG  CCAGGATACC  TTGTCTCTGT  CTCCCAGGAA
208751  CGGCATTCCA  AGCCTAGGCC  ACTGTCCTGA  CATTTTGTGT  GGTTCTGAAG
208801  ATCTGTTTCA  GGGCTTCATG  CTTATAAGCA  GCAGTTCCCA  ACGTGTGGGT
208851  CCAGATCTCT  TTGGGAGCCG  AAAGGGCCTT  TCACAGGGGT  CACAGGTCAG
208901  ATACCCTGAA  TGTTGCATAT  TTATATTACA  ATTCATAGCA  GCTGCAAAAC
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75

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208951  TACAGCTATG  AAGTAGCAAT  GAAATAATCT  TACAGTTGGG  GGGAGGTCAC
209001  CACAGCATGA  GGAACTGTCT  GAAAGGGTCG  CAGCATTAGG  GAGGTTGCGA
209051  GCCACTGTTT  ATAAGGCAAG  CTCTCTATTG  AGAGAGCAAT  CTTCCTGGTC
209101  ATATCTTGAT  CTTTATAGTA  TCCAAAAAAA  AATTATTTTT  CTGTGTAACT
209151  GAGTTAAGTT  GGAATCACTA  AGTAAAGATA  AGTGAGTTTA  AGAAAGTCTT
209201  AAACTGTTTT  CTTTACCCTC  TGTATTAGTT  TTCTATCTTG  CATAACAAGT
209251  TCCCTCCCAG  GTTACTTACT  GGCTTTTAGC  AATACACACT  CTCTTCCACC
209301  TCTTGCTGTG  AGGTAGAAAT  TGGGGCGGGA  GGATGGCTCC  TACGCTGTCT
209351  CTGCCCAGGG  CTGGGGCGGG  AGGATGGCTC  CTACGCTGTC  TCTACCCAGG
209401  GCTGGGGCAG  GAGGATGGCT  CCTACGCTGT  CTCTGCCCAG  GGCTGGGGCG
209451  GGAGGATGGC  TCCTACGCTG  TCTCTGCCCA  GGGCTGGGGC  GCGAGGATGG
209501  CTCCTACGCT  GTCTCTGCCC  AGGGCCTCAG  AAGGCAGAGG  CAGCGGCAGG
209551  CCTGGACTCT  TTTATCACTA  GGACTTAATC  CAGTTTGTTG  GTTGAACTTA
209601  GTTCCAGGAG  GATGTTGGGG  TGGGGGTGGG  GCACCCCATG  TTGTCTTTAG
209651  CTGCGGTGGG  GTTCTTCTGA  GGTCTGCTTC  CTTTCATCTG  CACAGCCAGC
209701  AATAGCACTC  GGGAGGAGCC  CGGATCCTGG  CCTCTCTTTC  CGGCTTCCCT
209751  TCCCGCAGAG  CTCACCGGTG  TCTTTAGTCA  GCTGACTTAC  AGTAACCTTA
209801  ATTACACCTG  AGTGGTAGCA  AGTATTGTCC  CTAAGAGTTA  AAGGCTTGAG
209851  TGACAGGGCT  TTTGAAGTAG  AAATGGTTTG  AAGTTTGGGT  ATCAAACCCC
209901  TCTAGACACA  GTTTTTTCGAT  GGTGGCAACA  GACAGAATTA  ATTCATCCTT
209951  TAAAGTGACT  TTTAAACATC  TTAAGAATTA  ACTTTTTTTT  TTTTTTTGTA
210001  AGATAAAATT  TAAAACCCTG  GTGACATCAG  ATATTACCCA  TTAGTCATCT
210051  TTTTGAGTTT  ATGTAACAAT  AAATATTTTC  CATAATTGTT  GCCTCCTTCC
210101  CCTACCCCCA  TGAGACAGGG  CCTTACCATG  TAGCACAGGC  TGTCCTGGAA
210151  TTCCAGAGCC  TTCCAGAATG  CTCCCTGAGT  GTCACCATAC  CTAGCTTAGT
210201  GTTTCTTAAA  ACTCAACCTC  TGCTTTGTAA  AATCTTCTCC  AGTCTTTGGT
210251  TTTTGATATT  ATAATGGACG  TTTACAGTAC  CTAAACACAC  ACATAATAAT
210301  ACTTGTGAGT  GCTTTTCATG  TAAACTCTGA  TTTCAGCCTT  GGAGAATTTT
210351  GAATGTACTA  AACATAACTA  CTCTAGATTT  CAATTTTCAG  TGAGAAAACC
210401  GGGTCTCCTG  ACTTCCCTGT  CATTAATGAG  CTTGCAGCTT  CTTGTTTGTA
210451  AGGCAAATGT  AAATGCTTTC  TTCATTTCTT  AGAGGTCTGA  GTGCCTCTCA
210501  CATCTTACTA  GGCTTGCTTT  TATATTTTAA  TTTACTGTTT  ATAAAATTGG
210551  ATTACTATTG  CTTTATAAAT  TCTATTTTTT  TCTTTCAGAA  AATGGTGTGT
210601  GTGTGTGTGT  GTGTGTGTGT  GTGTGTGTGT  GTATTTTAGG  CAAGCATTTT
210651  ACTGCTGAGT  CAAAAAGTAA  TTAGCTTCAT  AGTCACTTGA  AAACAGGAAA
210701  ATTGGGTTTC  TCTTGAACTT  GTCTTGTTTT  GAAAGAAAGA  CATTTGGTTC
210751  TTTCCTTCTG  CTGAAAAGGT  TAACTATAAA  TTGCAACAAA  AGTCATAAAA
210801  ACATAGTTTT  GGCAGAAGCT  TAAATGGACA  GTCTGACAGA  CTGGAGGCAT
210851  CTGACAGGAT  CTCTCTCTCT  CTCTCTCTCT  CTCTCTCTCT  CGTGGTGGTT
210901  CTGTTGGAGG  TTTCTCTGAC  GATTCTCTGA  GAACAGGAAG  CAAGACTTGA
210951  TTTTTGTTTT  GTTTTGTTTT  TTTTGTTTTT  TTGCTTTTGG  CTTTCTGTTT
211001  TGTAGAATGA  AAAACTTTAG  CAAGGAAAAA  AAAAAGAAG   TTTTCTCAAC
211051  TGTATACTTA  AACAAAACAA  AACAAAACAA  AACAATAAGA  ACTTTTCAGC
211101  CCAAGAACTT  ATGGTATTCC  AGAGTTTATT  TTCAAGTTAC  ATACTTGATA
211151  TTAAGGATAT  GTTTTTCTCA  AGGAAATAAT  GTTGTCTATA  AAGTATTTTG
211201  GATTTTCAAT  AAACCCAAAA  TTCAAAGAAG  TTAAATCTAA  ATAAACACAG
211251  GACTTCAATT  TTGCACCCAG  ACCCTTGTGG  GACCTGTCTG  TGATGTGAGA
211301  CCTGTCTGTG  ATGTGGGCAG  GTGATGTTGG  CTCTTGGGAG  GTTAAGGAAG
211351  GAGGATTGCT  GAGTTCAAGG  CCAGCCTGGG  CTACGGTGGT  AGGTTTTAAA
211401  ACAGCAAACA  AAACAGATTC  TGCTGCATTC  AGATCTTTTT  TAAAGGATAA
211451  TATGTGTGTA  CAGCAGTTGT  TACATGGCCT  TGAGATGTGG  TCTGGAGAAG
211501  GCCTCTATAA  TCCAACACAT  TCATATTTCT  GCAGCAACTG  ATGAATATTC
211551  ACACACACAG  TGGCAGACAT  ACAAACTATA  AATAGTCTCC  TGTGAGCTCA
211601  GGTCAGGTTT  TGTCAGCAAG  CAAACCTAGG  CCTGGGGAGT  TCAGTTCAGG
211651  TCACGCCTTG  CTGCCAAATG  AGTTATGAAG  AAATGCTCGG  CCTCAGAGCG
211701  CTGGGAGTTC  AGATCAGCAC  ATCTCTACTG  AACTCAGCTT  TTCTTTTTTA
211751  GTAGGAAAAA  CTGCACTAGT  GTGAAAAGTT  CTGGCCATAG  TATAATATCA
211801  CTTTGTGATA  AAATATATTT  AATACCAAAG  ATTCAGCCTT  CAAAACAGAC
211851  ATGTACAAGT  AACATTATAT  AAACTAAACA  GGTTTTATTT  ATTTATTTAT
211901  TTATTTATTT  TATTTATTTT  TTGAGACAGG  GTTTCTCTGT  GCAGTCCTGG
211951  CTGTCCTGGA  ACTTGTTCTG  TAGACCAGGC  TGGCCTCGAA  CTCAGAGATC
212001  CCTTTGCCTC  AGGTCCTGAG  TACTTATATT  AAAGGTGTGC  TCCACCATGT
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76

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212051   ACAGCAACCT   CTTGTATTTA   TATATTTAGG   GGCATATGTG   TACACATACA
212101   CAAACACACA   CCACTACCAC   CACCACCAAC   AGCAACAATT   AAGGAAAAAG
212151   AAGCCATGAA   TTTGAAAGTG   AGCAAGGTAG   GGGGATACAT   AAGACAAGGT
212201   TTGGGGGGAG   GAGAGGGAAT   GGAGGGAATC   ATGTAACTTT   TAATAAGCTC
212251   AAAAAAGAAT   AAACAAATTA   TTAAAAGCCC   ATGATTCCCA   CCCAGGAAAC
212301   CATTGCTCTT   TTGCAGTAGT   TCAGTGGGAG   TGAAAGGCCT   TCCAGTAACC
212351   ACTAGGCTGG   TGCTGGTTGG   AGTGTGGGTA   CGGGAGCCAT   GGTCTGGGGA
212401   GTGTTGAGGG   AACATGGGAG   AGCACAGGGC   AGGATCAGGG   ATTGACTTTC
212451   CGTCTCCCTT   TATTTCTTCC   CTGCTTCTCC   TCTCCATTCT   CTATTTGTGG
212501   GATGTCAGGC   GGTTTGCTGA   AGTTGGAGAC   TGGAAAGAGG   GGTGTGTGTG
212551   TGTGTGTGTG   TGAGAGAGAG   AGAGAGAGAG   AGAGAGAGAC   AGAGAGAGAC
212601   AGAGAGAGAC   AGAGAGAGAG   AGAGAGAGAG   AGAGCATGCA   CACTCATGTG
212651   CACAAATGCA   CTTGTGTGTA   CTTCCCGGGA   TACTTGAGAA   GACTGAATGT
212701   GTTTCAGTGA   GCATCAGTGT   GGAGGAACTA   TTTAGTCCAC   AGCAGTGCTC
212751   TTCCTCATTG   AGCCCACCCA   CAGCTCTTTT   CTCAGCCTCC   TGGTACTGTG
212801   AGAGAGTCAG   GGATTAGGGC   CAGAGCAGAG   CTGCAGTGTA   GCGGAGGTTG
212851   ATAGGTCGTT   GATAGGTTTG   TCCGAAGGAG   AAGGTCCTCA   GACAGTGAGG
212901   AGAGCGACAG   CTGTGCTGTG   GGGGAATGGA   AGTGGAGGTT   GTCGTATCTC
212951   ACCTTATTAC   GGGCCCTGGC   CTTCTGCCTT   CCATAAACTA   TGTTACTAAG
213001   ACGTTTCTAA   AAGAAATAAT   CATCTCCGAT   CTCTTCTGCA   TTTGGATGAA
213051   ACAAGATGTT   TTGGGGACTT   AACCTGAAAT   GGTTGTCACC   ATGAAGGCTG
213101   ATGTAGGGTC   TGGTAAGAAT   AAGTCTACGA   GAAACCACTA   AAAGTTGCAA
213151   AGAGATTTCC   CAATTTTATC   ATGGGTCCTG   TTTGTTGGAG   GCATGCTGGA
213201   TATTTATATG   AACTCCACAA   ATTCTCTCAA   TAACATTAAG   TGCTTAATAC
213251   GTGCTAGTCG   ACCATCTGGG   GATATGATGG   TTAATGGCAT   AGACAAGATC
213301   CTGTTGTCAT   GGAAACATTG   GAGAGTAGTT   TGTTCGAAAA   ATAACAAGAT
213351   CAGGAAGGGT   GGGTGGGTGA   GGGCTCCTTG   ATATGGGTGG   TTGGAAATGT
213401   GTCTGAGGAG   GTGACAACGA   GGCTGGCTCT   ATCTAAAGAA   GAGCAGGGGT
213451   TAGCCATGAA   AGGCCAGCAA   GGCCAAAGGA   TTAGGAGCAA   CCTGGTGCGT
213501   CCTGGGACCT   GTTAGTCATG   TTGCTGGAAC   TTCGTGAGTA   GGCGGGAGAA
213551   GGCCAGGACA   GACATTCTAA   GCTTTGCCAG   CCCTGGACAG   GAGTGTGGGT
213601   TTTATTCCCG   GAACATGAAG   CTCCTAAGGT   TTTTTTCATC   TGGGGAGAAA
213651   GGCAATTTGC   ATGAGTCTAC   TTTGCCTCTC   CAGCGGATTC   CTGCAGTGTT
213701   TTGTTTTGTT   TTAACCTTGC   AGGGTGCAAG   GTTAGTCCAG   TGACACATTT
213751   GCTTTTAACT   CAAATACAAA   CAATTGAAG   TCACTGTTCC   TCTTTTTATT
213801   TTTTAGATTT   TCACTTCAAA   TACTATTTAC   TGTCATTGTT   AGTGTCCCTT
213851   ACCGGTCAAA   GGACGCGCGA   GCAGTCATCT   CTGTAGCACC   CATCAGCTTT
213901   CCTGTTCTCT   TTGTTTGGGC   TTTCTACTTT   CTGCTTTCCT   TTGCTGTTAC
213951   AGACTTCTGC   CTTCTAACAC   CTGCTGCCCA   CTTCAGTGAG   CATTCCCCTT
214001   CACGCCTTTA   CGTTGCGTTG   CTCCTCCCAC   TCTTGGGACC   ATGATACTCT
214051   CTGATGTACA   TCTATTGCAT   GGCCTCTGGG   GGCATTCTTT   CTTGGATGCA
214101   TCGCTTTGCT   TTATAAGACT   TGGTTCACTA   TGACAAACAC   AGAATGCCCT
214151   CTGTGCCTTT   GCGGTACTCA   GTTCTTGTTG   CACGAGTGGA   CAAAGCTGTT
214201   GGAGCACAGA   CAGCTGGGCA   TCTGTGACAA   ACTCGACTAA   CATCGTATCT
214251   TTTCTAAACA   GCTTACTGTC   TAGGGAGGTA   CTTTAGCCTC   CAGAGTGAAC
214301   ACGTACCTTA   GAACCTTAAT   AAAGCAGGAA   ACATACTGCA   GAAGGAGGAC
214351   TGGGTATACA   TGTGACTTCT   GGACCCAAGA   TCCAGCCCCT   GTGCCGGCCA
214401   TTTACTGATG   AATTCTTCCA   GGAAACAGAA   GCAAAGTCAG   TGTTGTGGAC
214451   AACCAAGTCA   GGGTTCAGTC   TCATGAACAG   AAATGATCTG   AAACTTGGTA
214501   CTAAGGGCAA   GGTGGAGGAT   AACCCTTCCA   AGTCAGCTGA   GGGAGGGGTC
214551   GTGTGAGCCT   CTACAGAGGG   TAGCTTTGAT   CTACTTATAC   AAGATGAGTA
214601   AGTTTTGGCA   GATAGAAAAG   GTAATATTGA   TGGTTATGGA   TTTGGTTTTG
214651   CCTTACAGAA   TACTAATTAG   GCCTAGAAAC   AATTTAGACC   TGTATTCTTA
214701   CAGTCTCTCT   TTTAATTTTT   TTTTATTTTT   AATTTTGAAT   GTGTTTTGGT
214751   GTATGTGTGT   GAGTGTGTGT   TTACACACAC   CAAGAGGGCA   TCCGATACCT
214801   TAGCCCTGGA   GTTCCAGGCC   ATTGTGAGCC   ACCTGATGTG   GGTGCTGGGA
214851   GCTGAACTCA   GGTCCTCTGT   AAGAGCAGTC   GATATTCTTA   CCCTCTGGGC
214901   CATCTCCCCA   GATTTCCCAG   AATTTCCCTT   TTAACTGATT   CTATGTATTG
214951   TGTTCTTTGC   CACCTTGCTG   TCAATAATGA   ATTATATACA   TGTTGACGTG
215001   CACTCACTGT   GTATTTGTGT   ATAGATCATG   ACAGAAATTT   TTGTCTAAGG
215051   AATAGTTACC   ATTTCAGACC   CATCTCTTAA   GCTGTCCCAT   CCATTTTGTT
215101   GGAAAATTTA   CTGAAATCCA   TTTTCCTTAA   AACTATTTAC   TTAAAGTATG
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77

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215151   GGAGCTTTAT  CTGGTATTTC  CCACGATTTC  AGGGTCTTGT  TGGAAGTATT
215201   GTGCTCCAGC  AAATACTCAG  AGCACACTCA  CGACAGAGTT  TTCTCATTAT
215251   GCTGAAAACA  GCAATTTGTG  TTTTTAAGCT  CTTCCTGTCT  GGTTTTCATT
215301   GTTTGCCCCC  GGCCTGCCCT  AGCCAGACAG  GCTATTGTTT  TTTTCTGTGC
215351   TGCCTTCATG  GCTACTGAAA  GAGATCCCAG  ACTCCCAAAA  TACAGTTTCT
215401   CTGATCATTT  GGGGGGGAAA  AAAAGTAAAT  GGCTTACTTT  ATCAGGTTTG
215451   CTTAATAAAG  AAAAATAGGA  AAATAAATAA  AAAGCAATAA  ATACACAGGG
215501   CTTAGTATAT  AGGTTTTGTG  ATACCCATGA  GCCTCCTCTC  CCAGCTCGTC
215551   CAGCTCTGCT  TCTTTTTTTT  TCTGGAAAGT  CAGGCTCCTC  AGATACAGGT
215601   TTCTGGATAA  GTGAGCTTAG  TGTAACTTTT  CCTTTGTTGA  TTTTGAAAGT
215651   AGTTAGGCAC  ACCTGATTAA  AGCGTGCTCG  TTTTAGCCCA  GTTCTCAGAA
215701   AGCTCCAGCA  GTGTTGGGGC  GCTGTCTGCC  CAGCTGCCTC  TGTAAAAGAA
215751   TGGCGAGGAG  GAGGAGGAGG  AGAAAAGGGG  GGGGGAGATG  CCAGGGAACA
215801   TCAGTGTCTG  GGAGGGGTGC  TGGACGATTC  CTCTGGCTGT  CAGAGGGCCA
215851   TGGAGCAATT  GAGGTGGCTA  TTGTCGTCCT  ATGTATGGGA  CAGTGATGGG
215901   CCTGTAGGAG  GAAAGAAGAG  GAAGTGTGGG  TAGGGAAGCA  GCCGGACTTA
215951   GCCTGCATTG  GAGACAATCA  CAGGGCAGGC  GTTAGACCGG  AGACTTCACG
216001   GTACATTAAT  GATTGGAGTT  CATACCCCAC  CCGTTTTTGC  TAAGGACTGA
216051   AGTTTATTAG  TTCTCTCCTG  GCTACTGGTG  TGACTGTGGC  AGACTCACTT
216101   CAAAAGGTGC  ATTGACTGTT  ATTACAATTA  AAACTAGTCA  CCACCCCACC
216151   AGGCAGAAAA  CCAAGATATT  TTGAGATTAA  AGTCTACATG  TGCTTAGCAG
216201   TGAGCTGAGA  TATCCCATCA  TTACTGGGAT  GAGATCCCCA  TCATTACTGT
216251   ATTTCTCAAA  CAGATAACCC  TGGGGGTGGT  TTTAGAAACT  TATCGATTTT
216301   ATGGGAAGAA  AAACAACAAC  AACAACAACA  ACAACAACAA  CAACAACAAA
216351   AAACCCCACC  ACATATCTCC  AAATCAATAA  CTAAATATTT  CTCATAGGAC
216401   ATCAAGAAAT  AGAAATTAAC  TCATTTCTGT  TATTTAAATT  ATTAGTGGCT
216451   CCTTATAGGC  CACTACAGCT  TTGGGTAAAA  TGAGCTTGTC  TCTGTAGTCA
216501   AGAGTAGTAA  ATGCAGTGGG  TGTTTTCACA  GATGGCATTT  TGCACATGCT
216551   CTGATTTGCT  GCAAGCCTAA  TTTATAGGAG  TATTTGGCCA  TTTATTTTAG
216601   ATTTTCTGCA  GCTTGATCTG  CCAGTTAGAT  GGACTCATAC  GCAAAGACCT
216651   CAAGCCAGCG  GTGCCCTAGA  CAGCTTTGAT  CCTTTTTCTT  TTTTTTCCTG
216701   CAGGAAAGGA  AAAGCATGGG  ACCTTGGGAG  TGGATCAGTC  ATCCAAATTC
216751   AGATAGGTGC  TGTTGTCTGT  TGTGATTCTG  TTGGGCTCTG  TTCTTCTGAG
216801   AGATCCTCAG  AGGTTTCCAG  GAACTCAGGG  GCTAAGAAAT  ATCTTACCGA
216851   GAATTTGAAA  ATATCTCGGC  ATTTAATTTT  GTGTGAGTGT  AGAGTGTTTT
216901   ATGACTCTTT  AAGTTTTGAG  GACCAGCAAA  ATAGAGAAGG  GTATTGTGTT
216951   ACATAGTGTG  CTAGTTACAA  ATGTTTGCTT  TTATTGCACA  TGATGTAACC
217001   AGAGTGGAAA  AAAACCACAG  CAGTAATAAT  CGTTGATATA  ATCTTGGCTT
217051   GAAGGTAGGG  GGAACACGGG  GGGCAAGGGA  ACAGCACAAG  AGAGAAAAAT
217101   ATCTGTTACC  AATTACAGCA  AAGTTACTAC  ATAGTTAAAA  AGAAGTTGTA
217151   CATATGAATA  AGAATAGGAT  GCTCTGCTAA  CTCAATCAAA  AGGGAACCGC
217201   TCGTTTTCCT  TAGGTACTTG  ATGAGGGAGA  ATTCTTCCTG  CACGATTTGC
217251   TTGAAGAGTG  GATTATTTTG  CTTTGTGAAC  CTCTTCAGTC  CGGTCCTTAC
217301   AGAATACCAT  TTGGCTAATT  TGAAACGGTT  CCAGTTCTGG  GCTTGGTTGA
217351   ACACTGCCAG  CCAAAAGCCT  GCCTGTCGTC  TTCCATTCGC  ATGCCTTCCT
217401   GCCCTCGGTG  CCCCCAACCC  CTATCCTGCA  CCCAAGGAAA  GAACCTGATA
217451   ACCATGGTTC  TCTGCCTTAG  GAAGCTGTGG  CTCCTTCAAG  GTGCCCCCCT
217501   CCGTCAGCTC  CCAGAAAGGC  AAGCAGCAGG  AAAGCAGGCA  GCTCAATCCA
217551   ACCGGGATCA  GCAGATGCTG  CCAAAGTGGG  AAGCAACAAA  GGCAGTCCGT
217601   GGATTTCCAG  GAACGGGAAT  TATTGGAAGT  CTGCTCTTTA  CAAAATAAAC
217651   TGTGATTGGG  AGCCGAGCAC  CCTCGCAGTC  CCTTCCTTCT  GCTGCGGGAG
217701   TGTGGCAAAC  AGGGTATTGT  TTGGCTTGTC  AAGGTCAGCC  CGGCTAATTG
217751   TAGATACAGT  GGACAAATAG  CTCTCTTCCA  GAGAAGTGGT  GAATACCAGT
217801   CGTTTGTCAT  TCGGGGCCCC  AGCATAAGCA  GTGCAGGAAA  GTATTGGTAG
217851   CATTGTTCAA  TCAAGTAGGA  AGAGGAAAAG  GAAGGAATAG  AAGTGCAAAA
217901   ACGTAGGCCA  AATGGAGTGA  GAGTCAAGAG  AAACCATTGC  CCTGGTGCTA
217951   TGGCTGGGTA  ACCATCTCCC  AAAGCCTCTC  CCAACCCCCA  CCCCACATTT
218001   GGTCAGCAGC  TTGCAGTTCT  GTTGGGAGGT  TCTATTGAGA  GGCTCTATTG
218051   GGAGGCAATA  GAACCTTTAA  GAGGAGTGGC  CTAGTGGAGG  AAGTTGAATG
218101   CATGGGGGTA  GGCCCTGGGA  GAGGATACCG  GATCCCTAGC  CCCTTTCTCT
218151   TTGTTTCTTG  GCTGCCAGGA  GGTAAGAGGT  TCCCTTGGCC  ACACTTCTTT
218201   TCCATGGTGT  GCCGCCTTGA  CATAGGCGCA  AAGCGACCGG  GCCAACTAAT
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78

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218251   CATGCGTGAA   ACCTCCCTTC   AAATGGTGAC   CCAAATAAAA   CCATAATGTT
218301   ACTGTCTCAG   GTGTCTGTCA   CAGCAATCCG   AAGCTCCTAG   CTTGATAAAC
218351   AGGTCTAACC   CAGTGGTTCT   CAGCCTTCCT   GATACTGCGG   CCCTTGAATA
218401   ATACAGTTTC   TCATGCTGTG   GTGACTCCAG   CCATTCTGTG   GGGAACTGGG
218451   AATAAATGG   CCAACAGTGT   AGACATGCCC   ACCACCTCTG   GGGAGCTTCC
218501   ATGCTACAGA   GAGCTACAGC   CCAAGAAGAG   CGCTGCGAAG   GAAACAGCTG
218551   GCAGTAAACG   AGCGAGTCAC   CTACCCATGC   CTCAGGAAGA   CTCCCTGAAG
218601   ACAAACAGTT   GAGGAATTAC   CTGAGGGATG   AGAAGAAGAG   CAAGAGAGCT
218651   CCAGCCAGAG   GCAGCAGCAC   GGGTCCAAGC   TCTGAGGGGC   AGTGGGCTGC
218701   GCCATGGCAC   TACACCAGTC   AGGGAATGAG   TATGCAAGGA   GCCTAGAACC
218751   TTCAACATGC   TGGGTTCTAC   CCTAGCTCTA   CTGAGTGTCA   CTGAAAGGGA
218801   CAGTAGTGCT   GAATTATTGC   TTTCAAAAGT   TCAGTCTGCT   GGATCTCTGT
218851   CAAATACATA   TTAGAATAGA   AGTATGGAGA   TCATATCATC   ATCATCTCTA
218901   TATCTATATA   TAAAATGGAG   AAGGTGTTAT   GAACAAAGTG   ATGATGTATC
218951   TGATCTTTTA   GAAATGATTG   GAATTCTGAC   AAGCAGATTT   GGAGAAAATA
219001   AGATCTCTAG   AGAGGGTGCA   GGGTGACCAA   GTGTGGGGCT   GAGCGACAGG
219051   AGGCAAGTTT   GCACGTGGGC   CAGCATGAAG   CAGCAGTGGG   GACAGCAGCT
219101   GTGAGCAAGG   AAGATGCTGG   TCCCTGCCCA   GCTATGAGTG   CTCTTAAAGG
219151   CCAGGCCACA   CCTACAGGGG   CTGCTTTAAA   TTTTTAATGT   AAAATTAAAT
219201   CCGAGGGACT   GCTTTAAAAA   TTTATCTCGG   CACATCTCAG   TTACCACGAG
219251   AGAGTTCCGG   TGTGTGTGTT   TGTGCCGATT   TAAAACCATC   TAGATCCATA
219301   GTGAAATTGT   GACTTTCAAC   AAGACGCCTC   GGCATCAGGA   TCTTCATATA
219351   ATTTGCCCCA   CTCTGTGGTC   TATAGAATTT   CACATCTACT   GTCATAATGT
219401   GCTGAGCCAA   GTCGGTCATG   GTGGCATCTG   AGGCAGGAGA   ATGGCTATGA
219451   GTTCAAGGCT   GGCTGTGCTA   TAGTAGAAAA   TCCTGTCACA   AACAAACAAA
219501   CAAACAAACT   CAGCAACAGC   AGAAGAAAAA   CAGGCCAAGC   CAGGACATGG
219551   ATGCAATGGG   GCTTCTGCGC   CAGGAACTTA   AACTTGAAGG   TTTATATCTT
219601   GGTTAATTTG   TCATTCATTC   ATTCACCCAC   TGTGTGTTAA   CTGAGCACCA
219651   GCACTGTTGT   AAGTACTTAC   TCTGGGTGAG   TGAAGGGCTC   CTACGCTCCC
219701   TGTGAGCCCC   TTACCAGTAG   TGAGGGTTTG   GTGTGATTCT   TGGCGTTAGC
219751   CCAGGTTAGG   AAGTGACAGT   AAATAATGAT   CAAGGGAAAG   GCCTGTTGAA
219801   GCAGATATCT   AGACCTGCAG   TGACGGCCTG   TGGGATACAG   GTTTGAGTGA
219851   CTTGGGGAGA   GGGCCGCAGA   GATCTGGGCC   CAACAAGCCA   GTCAAGAACA
219901   GCGGCAGGTA   AGAGGTGACC   GGCTGAGCCA   TCCATCCTGC   CTCTTGTCCA
219951   CCTCTCAACA   GAAGAGTTGA   GGCACAGGCG   CTTTAAATGT   CTCCAGGTGA
220001   CTCTCAAGTG   GCTTTGGGTT   TATTCTGATT   ACACCGAGAA   GCTTTCCAGA
220051   GGAGAGTGAG   AGACAGAGCT   TTATTCTCGA   AGAACACGTG   GAGCCCGAGT
220101   GCAGTGTGAA   ACGCAGCCAG   AGAGAAGGAA   GGGTGTCTTC   AGGGACACAG
220151   GAACCTCAAA   GTTGATGAGA   GAAAGGGAAC   GCCGAGGGCA   CCCTGAGGAG
220201   CGGTGGCGCT   GGGGTAGCAG   GGAGTGCAGC   TCAGAGGCGC   ACCATAAAGA
220251   TGAGTTTCCA   GTGTGGCGAC   CTCACAGTGG   TGCAAGTGCA   GAGGTCCTCT
220301   CCTGCGTTAG   GGACAACTAC   AGGAAGGGAG   GTCGCGGCGA   GGGAGATGGG
220351   TCTCCACCGC   CACGCCCCTC   TGCTGTCCCA   GGATGCACCT   CTCTAACTCC
220401   CTCGCTCTAA   AGCCTGGTCA   GGATGCACCA   CCCCTCAAGC   TCCCCCATCT
220451   TCTTCCCAGC   AGAGCTCATT   GTGTCCAAGG   GCATTACGAG   TGGTAACTAC
220501   ATTCTGTGAC   AAATGGGAAT   AAAGAGAAAA   TTCTCGGTAA   TTTTTCTCAT
220551   TCTAATTCCC   GGCTTTTCAG   TATGCTTCTG   GGTCCTGACT   GATTCCTTGC
220601   TGACTTTAAG   GGGAAAAAAA   ATGCTGTCCG   GGCTTTAATC   TAAAGGAGCA
220651   GATGAATACT   GCAAATTCAG   AAAATTGCTG   TCTTTCTGAG   GACGAGCTTT
220701   TGCTTCTCTG   CCGTGTTCTG   TGCTTTGTGT   CTTCCTAACT   AGAAGGAGAC
220751   ACCACCCGGC   CAGTGAGACC   TGAAACAGAA   ACCCAGCTCA   GCAGAGTCAA
220801   AACCAACACG   CTCAAAGTGC   CTTAGGAAGG   TTCATTACTT   GGGAACATTT
220851   TTAAGCCGCA   GGAAAACTCA   CTGTCTTTTA   AGCAACAGCG   GTCTCTTCAG
220901   CATCTTGATC   CAGGCTGGAT   AAGGTACCTG   GAGGTTGGTG   TGTGATCTTA
220951   GCCATTGCCC   AGTGCATGCG   CTTCACCCAA   AGTTCATCGC   CTTCATTTCT
221001   AGGATGGCTC   AGTGGGTAGC   ACTGAATCCA   GAAAGCTTGG   TCCTTGCCTC
221051   TCTTGGTGGT   GAGGCCCATG   AGCCATAGAT   TGGCTCTCAC   ATATTTGGAA
221101   GCTGAGCTGG   ACTCTAAGTG   ACTTACAGGC   GTTTGTGTAG   TGCTAGGTGT
221151   TAGTATTTAG   ACTTATTTAC   TTATTTAGAA   CTGCTAACAT   ATGTGTGCAC
221201   GTGCCACACT   ACGAATAGGG   CTTCTCCCTT   CTGTTCCCAG   ACCCTTGGTT
221251   TCCCTTCCCA   GAGGCTGTGC   TGGTTCACTT   CCTATAAACA   GGACAAGGCC
221301   AACCTTCCTG   GTCTGTCTTC   TTGGGCAAGC   GCCCCGAGTG   CTGTTTGCTC
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79

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221351   CTGAGGAGTT   ATGCTCACAC   TCGGGCTGGA   ACACAAGTGG   CTACACAGCC
221401   AACAGCACAT   CAAGACCGGT   GCAGAAGACT   GCTAACTTCA   GTTGTTAAAT
221451   CTCCATAGCA   ACTGGGTGGT   CTTTCTTCTT   TACCGCTGAA   GAAGCTGAGA
221501   CTCAGACTCA   GGCAAACACA   CATACCCATA   GCCATCTCTC   CTCTACGCCC
221551   CCCAGCATGG   AGGAGGAGGC   GGAGCTGACT   TCTGAATGGC   AGCTTTCCCC
221601   ACTTACTGGT   CATGGGACCT   TGGGTGGGTT   ATGACTGCTA   GGACCGTACT
221651   AGCACATTTG   CCTCTGAGTT   CTAAGTGAAC   CAAATGGGCA   CAGAGCACTT
221701   AGAGCCATGG   CTAGTCCAGA   GTCAACACAC   TGGTCCCTGT   GATCTGTCTC
221751   AGCCTCACAC   CGGTTTATAG   CCCTCCTCCT   TCTTCCTTCC   AGCCTAGACT
221801   GTCAATACTG   TGGCTTCTCT   CTTGGGACCT   TGAAGGAGAG   GCTGAGAAGA
221851   GTCTGGACAG   CTCTGGAATG   AGCGAGATGT   TCCCTGTGGA   TCCTGCTCCT
221901   TATAGGGGAG   GGGGACAATG   GACTGGGTGT   GTGTCCTACA   CACATGGACA
221951   GGACAGAAGC   CAGCCATGCC   TCACGCTATC   TCCTGACCCC   TTGGAGTGCC
222001   TCTTTATGTT   CTTTCAGTAT   TTCTCTTTTC   CCTCTCTGTC   TTTTCTTTTG
222051   AATTTTTTCA   TGGAAGGAGG   GAATATAAGT   TTTCTTGCTG   ATTATGGAAC
222101   TTTTTATATA   AGTTTGTGTG   TGTCCTTTTT   GGTTGTCAGG   AAATGTCTGT
222151   CATTAAAATA   TTTAACAGCT   GGGCATGGTG   GCACACGCCT   TTATTCCCAG
222201   CACTTGGGAG   GCAGAAGCAG   GCGAATTTCT   GAGTTCGAGG   CCAGCCTGGT
222251   CTACAAAGTG   AGTTCCAGGA   CAGCCAGGGC   TACACAGAGA   AACCCTTTCT
222301   CAAAAAAAAC   AATATATATA   TATAACAACT   ACCTTTATCT   CCTAATATTT
222351   TTATGTCAGA   GAAATTCATC   CGGTGGAACC   TAAGACTTTC   TGTGAGTCGT
222401   TAGGAAGGTT   AAATACATAG   ATAAAAGCCA   TCCATTTAAT   CTTTGATTAT
222451   TTGAGAAATA   GTCCTTTAAT   AGAGCTATTA   AAAAGTTGTC   TTGAATTCAG
222501   AAAATTTTCA   GAATTCAGAA   GTTAATATGT   GTATTTAGTT   CTACCTGAAC
222551   TTACAAGGGA   AAGACAGAAA   ATTTCTGCCT   TTTTTTTTTT   TTTTTTTTTT
222601   TGGTCTGAGA   CAGTCTCACT   GTGTGGCTGA   CCTGGAACTC   ACTGTGTAGA
222651   CCAGGGTGAC   CTCAGACTCA   CAGAGGTCTG   CCTGCCTCTG   CCTCCCCAGT
222701   GCTGGGATCA   AAGGTGTCTG   CCCCCACACC   AGGTCCAGAG   CTGGTTATTT
222751   TTTGAAATTA   CTGATGATTG   ATTTATGTTC   TTGTTGTACC   TGAAGACAAA
222801   CATTGTTTTA   GCACAATTG   CCCACAGCTC   AGGAAGTAAA   AGAATTGGAC
222851   CAGTTATTTA   GAGAGGTCAC   TAGAAAACAG   CTGGTTTTGT   CTCCCAGTCA
222901   TAGAGATTTT   AGTAAATAGC   AGCCTCCCAT   TAGGTTTGCA   CAGTACTTTA
222951   CGGCATATAT   TTTTTCTGCA   AGTGTGCGAT   TCATTTAGCC   CTCTGGACTG
223001   GCTGATTTTG   TGTGTCAACT   TGACACAGGC   TGGAGTTATC   ACAGAGAAAG
223051   GAGCTTCAGT   TGGGGAAGTG   GCTCCATGAG   ATCCAGCTGT   AAGGCATTTT
223101   TTCAATTAGT   GATCAAGGGG   GGAGGGCTCA   TTGTGGATCT   CTGGTCTTGG
223151   GTTCTGTAAG   AAAGCAAGCT   GAGCAAGCCA   GGGGAAGCAA   GCCAGTGAAG
223201   AACATCCCTC   CATGACCTCT   GCATCAGCTC   CTGCTTCCTG   ACCTGCTTGA
223251   GTTCCAGTCC   TGACCTCCTT   TGGTGATAAC   TGCAGTGTGG   AAGTGTAAGC
223301   TGAATAAACA   CTTTCCTCCC   CAACTTGCTT   CTTGGGCCTG   ATGTTGTGTG
223351   CAGGAATAGA   ACCCCTGCCT   AAGCCACCCT   CTGAAGCAGG   CAGAACCAAA
223401   GTTGCTGATC   TATTTTACAG   ACCACAAAAT   CGCTTTCTCC   AGTAAACACA
223451   GATTTGCTGG   GTGCCTCAGT   GATGTCTGTC   TGCTCTGCAG   CCCAGGGAGG
223501   GGGAACTGGT   TGGGGGGCTT   GGGGAAAGCC   TCACGGCAGG   AGAGAGGGAG
223551   TCAGCAGGCT   CTGGGTGTGC   TGCCTAGATT   TCAGTTCCAA   AATTAAAAGC
223601   ACAACTTCAC   TTACACCAGA   AGGAGGCTGG   TCAGTGTTTA   TCAGCTGTGT
223651   CTGTGACAGA   ATACCAGAGC   CAGTCATAGG   GAGGGCGGGG   CTATCCTGAT
223701   CCAGCCGTAG   GGAGGGCGGG   GCTATCCTGA   TCCAGTTGTA   GGGAGGGTGG
223751   GGCTATCCTG   AGCTAGTTGT   AGGGAGGGCG   GGGCTATTTG   CATGGCGGGG
223801   GGGGGGGTGT   CTTCAGAGAT   TCCAGCACTT   GCTTGGCCTG   TTGCTCTACT
223851   CTCATGGTGT   CACAGTAGCA   CAGGGTGAGG   AAGCCTCCTA   TCCCCATGGT
223901   TATCATGGGC   AGACTGCCCC   ACTAAGTGCT   CAGTACAGCT   TTCCTCCCAC
223951   TAAATTCCAC   CTCATCAAGG   CTCTGCCACC   TCTTAATAGT   CCCTGGAATG
224001   ACACTAAACG   TTGTCATCGT   TTTTAACCAG   TAAAATTTGC   TTATGTTCTT
224051   ATCGTCTGTT   CACATTCCTT   GAAAAAAATT   AACAGAGACC   GGTTCAAAAA
224101   AACGTATGGA   GAAAATGCTT   CTCATTGACT   ATTTATCGAC   TTTTTTTTTT
224151   TCCCTGCCGT   GTATGATTTT   GACAGAAACC   CTGGGTTAGG   TTGGGAACCA
224201   AGCAGTCCTT   GGAGACACAG   TAAGAGCCAC   CGACAGAGAT   CTCTGAAAGT
224251   GATTGAGATT   AAGACGGCTA   AAAGGTGCCT   GCTGCTTTCT   GATGAGCGTT
224301   TGAATCGTTC   TTGATTCACT   TTGAAGGGAA   GAGTTAACTA   GAAACGTGGT
224351   ATACGAGATA   TGGCTGATAG   ATCTGGAAGC   CCCAACACCT   CTCTGCTCTG
224401   CTCTCTGCTC   TCCTCTGCTT   CTGCTTCTGC   TCTGCTTCTG   CTCGCCGTCT
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80

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224451  TTCACCCACC  GAGTCTCAGG  TTCATTCTGA  GACCTTTCCC  CCCAAGCCTT
224501  CCTTAAATGC  ATCTGACAGC  TCCGTGGTGC  TGGGCTGTGT  CTTCTGTTCC
224551  CCGCGCCCCA  CCTGAGACTG  ATGACAAAGT  CTTTTGTCCA  TGCCATGCAC
224601  AACTTTGTCG  TCATGGGGAC  CCAGTGAACT  ATCTGGTGGC  CACTAGAAAC
224651  TTGGAGAGTT  GGGAAGCCAG  CGCAGGTGCT  TGACGCAGCT  CCAGCAAGGC
224701  TGAGCCGAAT  GCTGTAGTAG  CCGTCATTCA  TTCTCTCTCT  CTCTCTCTCT
224751  CTCTCTCTCT  CTCTCTCTCT  CTCTCTCTCT  CTCTCTTGGG  GTTTGGTCTC
224801  TGTGTCTTTC  ATTTTGGGGG  ACTTTCTGCA  TTATGATTCA  TTTTATGTCT
224851  TTTCCTGAGA  AAATTGTGTC  TGATTCTTTT  TAGGCAAATT  CTAAAGTTAA
224901  CTTTATCTGG  CCACTATTTG  GAAGTCTTCC  TTATGCCCTG  GAGATCATTG
224951  AGGACAGATA  AGCACAGAGC  TAGATGAGGC  TCTTCCTCCA  GGAATCGTCT
225001  TGGGGTATCT  GCTCCTGAGC  TAACTCAAAC  AGTATAGATG  GTACAGGTAA
225051  ACAGAGACAA  TTAACACCCT  CTGACTGGTC  AGGGGAAGAG  GTTACAGATT
225101  CAAGGCTTCC  CTTTACAATA  ACAATATTTA  GAACACCCTG  GAAATGTGCT
225151  TTAAAGATGG  AGGGGGGTGT  CAAATAGAGT  ACATACCCCT  GGAGGAATAG
225201  AACTCAGTAA  TTAAGATGGA  TTGACTAAAT  TTTTCCCCTG  CTTTATAGCA
225251  TAGATGATGA  AACATAATGT  AAAAGGAATT  AGCTATTAGT  ATTTGCTAGT
225301  CATAAAAAGA  TAGTTTCTGT  TTGTCTGGAG  CGCTTTCAAA  CTGCAAACGC
225351  TGCCAGCCAA  AAAGCAGGCT  GTCCTCCAAT  AAATGTGTTT  GGTTTGGAGG
225401  AGACATTCTT  TAGATTCTTT  ACATTGGAGT  TATAGGGCTG  ATAATAAAAA
225451  TAAAATCTGT  TTTGTTTGTA  TTTCCTTATT  GTGAACCTTA  TTGTGAACTT
225501  ATAAACCTGA  ATATGTAATA  AAAAAAAATC  AAACACATAA  TTTGTACTTC
225551  TTGGATTACC  ATTAGTCTGC  CTTTGTTCTG  TGAAATAAAC  AAGCAATCTG
225601  ATTGCTGGTT  AGTCAAGACT  CTGAGATTCT  TTGGTCCATC  TGCACCTGAC
225651  TTCCTCCCCT  CGCCAACTTC  TTTGCGGGTC  AGCATCTAGG  GAAGGCCCCT
225701  GGCAGTTTGG  TATGTATACA  ACTGCCATTC  TGACTGAAAC  AGAAGCTACA
225751  ACCGTCTCAG  TCCATCACCT  GTAACTGTGC  CGTGCTGTTG  TTTGATGTGG
225801  CCATTTCTCT  GGCTGCTGCT  TTGTTGTCTC  TATTGACTTG  GCAAAGCTCC
225851  TCGTTCCCTT  TAGTTCTTAC  TTCCCCATTG  GCTAGGGTTA  AAAATAAGTT
225901  CAGGGTGAAG  CTTGCTCTGA  CAAGGATGCC  CAGGCTCCTT  CTTTTCTAAT
225951  TAACCCCCCC  ACCCCACCCC  CCCAGCCTCG  GCCACCACCA  GAAGACCGAA
226001  GTTTTCAGTG  TTAATAGCTT  AGCTGTCCCT  GGTTAGGAAA  GTGCCATAAA
226051  GACAGGAAAC  TTGTGGGATT  CATTCCCAAG  TCCTTGTGTT  TGATGCCCTG
226101  CCTGGAGCTT  AAGGAATTGA  ACCTCCCCGT  GGGGACGTTG  GAGATGTGTG
226151  TGTCAAGGAT  CAGTGGTTGC  ATCTAACTCA  TCTTAGAATG  CTTCTGGGCT
226201  TATTTCCACA  ATTATCTTCT  GCACCCGACC  CAGGCAGAAA  GCTTATCGCC
226251  TATGCCTTCC  AAAGTGTCAT  ATATGTAAAC  GATCCCAAAC  AAGCTTATCT
226301  GTGATCTCCT  CATACGCTTT  CCCTTCCAGA  GCTTTGGTGA  AGTGTTAGCT
226351  ATTGATCCCT  GTCTTTCTTT  CTGATAAGCC  TCAGTCCAAG  AGGCTCCCTG
226401  TATGTGGAGT  CCTTCCCTGC  CATCAGGGTC  TCATTTATCC  TGCATCCTCC
226451  CTCCTTGCTT  TGTGTCTCCT  CAGCATGTTG  CCAGCAGGCT  GTGCTGTGAT
226501  GCCTTGTATT  TCTTGTATTT  ATTTGTACAT  CATGTATACA  TTTGTTCTCT
226551  TTCTCTTGCT  GTTCTGCCGT  TTTTTCAAGC  TGATACTTAT  TGAAGCTGAG
226601  TCTGTGTTAG  CACACACACA  CACACACACA  GACCGCCCCC  CCCCCCCCAG
226651  CTGTGCTTTA  GAGCCGAGAG  GTTTCATGCT  AATTCTCCAA  GCTGTTGTTT
226701  GTGATAGGTA  TATAGGTTAA  AAGCCAGTTT  TAGAGAGGGC  CCATGCTTAA
226751  GCACGTGTGG  CTGGTAACTA  GCAGAGCCAG  GTGTTGGATC  TTTTGCCCGG
226801  GGGGGGGGGG  GGGGGGACCG  GGGACGGGGA  CGGGGACGGG  GACGGGGACG
226851  GGGACCAGGG  TCTCATTCTG  GATCCCAGGC  TGCTGTCAAG  CTCACGACCC
226901  TCCTGGGTCA  GCCCCGTGAG  TGCTGGGATC  ACAGGCACGC  ACTACCTGCT
226951  TAGCTTGGAG  TTTGAACACT  GACCTAGTTA  GTTGTGGGGA  TTTGGATAGG
227001  AATGGCGCCC  GTAGGCTCAT  ATATTTGAAT  GCTCCATTGG  TCACCAGGGA
227051  ATGGTGCTGA  GTGGGATTAG  GGGCGTGGCC  TTGTTCGAGT  AGGCGAGGCC
227101  TTTGGGAATA  GGCGTGGCCT  TATTGGAGGA  AATGTTTAAC  TGGGGATGGG
227151  CTTTGAGTTT  TCAAGGCCCC  AAGCCAGGCC  CAGTGTCTTT  CTCTTTTCCC
227201  TATACCTGGG  GTTAGCTACC  ACATTTGCCT  GCATGCCTCC  GTGCCCCACG
227251  CCATGAGAAT  AATCTGACAC  TGTCAGCAAG  CCTCAGTTCA  ATGCTTTCTT
227301  TTTGTAAGAC  TTGCTACAGC  CACGTTGTCT  TTTCATAGCA  ATAGAACATG
227351  AACTAAGGCA  TTTGTTTAAA  TAGATCATCA  TAGTTCACAC  TTTCTGCTTC
227401  CAGCAGTCAC  CACCATTCCT  TAGGAGTCCA  CCATAGAGAG  CCAGGCATTG
227451  TGGCACACGC  TATTAGTGCC  AACACACAAG  GCAGAGGCAG  GTTAATCTGA
227501  GTTTGAGGAC  AATGTAGCCT  ACATAGAAAG  TTCCAAGCCA  GACATGGCTA
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81

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227551   CACAATGAGG   CCTTGACAAG   AGGGGTTATG   AACAGAAGGC   CATAGAGAGA
227601   TCTTGTAACA   GGCTTTGATG   GACTTGAAGT   GGCATTTTGT   TTTGTTTTGT
227651   TTTGTTTTGT   TTGTTATTTT   TAGACAGGAT   TTCACCACCT   GATCCTAGCT
227701   AGCCTCAAAT   TCAGAGACCT   GCCTGTCGCT   GCCTCCCCAG   TGCTAGGATT
227751   AGCTAGCTTG   AAATGATGCA   TTTTTATAAT   ACAAGTCCCC   TGGAGAAACA
227801   TACACACAAG   CAAATCAAAT   TTAACCTCAC   CCAAAACCTT   TTCAATCAAA
227851   ATAAACATGT   ATTAACACTT   CTAGTCTAGA   CAACTGTTAT   CACATTCGTT
227901   TTTCTATGTG   TCTTTGGCAT   ATTTATATGT   GTGAGGGTAC   ATGAGTGGTG
227951   TGGCATGTAT   GTTGAGGTCA   GAGGTCAACT   TGCAGGAGTC   CATTCGTTCC
228001   TTCTACGGTG   TAGGTCCTGA   GGATGGAACT   TAGGTTGTCA   GGGTTGGTGA
228051   CAAGTGCCTC   TACCCTTTCC   GCCATGTTGC   TGCTCTCTGT   AAGCATACAT
228101   ATTTAATAAG   GGTTCAACCT   CCCCCCTAGC   CCACCACCCA   CCAGAGCCAT
228151   TGGAAAAGGA   ACATTAATGG   GAATCAGGGG   TCGTGAACCT   GTTTAGAAAC
228201   TGTTCTTTGG   ATGATTGATT   CCAGTCTCTG   TCATCAGTAG   CCCAGCCCTA
228251   TAGCAAAGCA   CCACCAGGAA   TCAGCAGTGA   CAGTGACAGG   AATCAGCAGT
228301   GACAGTCCAA   TCCATTCAGC   AGTCATCTTT   TAAGATTCAG   CAGTGGCAGT
228351   TAAATCCAGA   AACCTTGAGG   CTCTGCTAAT   GGGCCGGAGT   CCAGTGAAGT
228401   GTCAAGAAGC   CGCGGGAACC   TCACACGAGA   AGTTCTTTGT   CGAGTTTCTC
228451   CCTGTGAAGT   CACCACAAAT   GTATGAAGCT   CAGCAACCCA   ATGTAAGGTG
228501   AACCGATACA   TGAGTGTCAA   CAGGGAAGAC   TAGCGAGGCA   GAGCAAAGCG
228551   GACTGGACCG   AGGCTGGAGC   TCCCGTTGTC   TGTAAGGTCA   TATTTATATC
228601   CCTTCTAAAT   GCCACACATC   CTTTCATGTG   TCTGCTGTAG   CCAAACAGCC
228651   TTTCACCCGT   GTGCCCCAGC   AAAACATCAT   TTGACATAAA   TGACTTTCCA
228701   AACAAACCAG   AAGTTTCTAC   TTCAACCCCG   CCTCCACCTT   TTGGTAATAC
228751   AAAGAATCAA   GCCTTTACAC-TAGAAGAACC   CCAAGGCTAA   ATGAATTCTG
228801   CTAGCAAATC   CTCCTTCACA   TATCCAAGT   TGTGCCCTTC   TTAGGAGTCA
228851   GTTCTCCCTT   CTCGTTTATT   CCAATTAGCT   TATTATTATA   GTTACGAGCT
228901   AAAATTAAAC   AGTACATAAA   TTGATGGACT   ATGACTAGAA   AAGTAGAGTC
228951   CTTAGTTCTG   CTAAAATAAA   GTCAGATGCT   TCAGGAAAAT   GGGATAAGGG
229001   CGAGGCTCCA   ACACAGTCAC   TCTGGAAATA   GGAGTGGGTG   GGATAATTGT
229051   CAGAGATTTG   AGAAGAAATA   TTAAAAGTCA   TGAAGGATTC   AGCATTCATG
229101   TCGCTTCACA   TGTTTAAATT   TTCATCCCAC   GTTAGAAGAA   CTGAGCCAGA
229151   AAGTCGAGCA   GAAGATGGAA   TATGGATATG   CTTTATGCAG   ATATTATAGA
229201   ATTCTAAGGT   CTCCAGTGCT   GCGTCAAAAT   AAAATGTCCA   AGGCAACAGG
229251   TGTTTTTAAA   TTATCTTTCT   CAAAATGAAT   CCCCCACTTT   ACTAGCTTTT
229301   GAAATTAAGC   AGTTTCTGGG   CCTAAATGTT   TTAAATAAAA   CTGCTTGTTC
229351   TATGTATAGA   TTAAAAATAT   TATGTAACTT   AATATCTATT   TTTTTGCTCA
229401   GTCTTTCATG   GACATGTTTA   AAGCCAATAA   ATGTGGATGA   ATTTTTTTTC
229451   TTTTTTAGTC   TGTACTGGAA   GTTTTATGCC   AACTTGAGCC   AGCTAGAACC
229501   ATTTTGGAAA   AGGAACCTTG   TGGTGACAAA   CACCCTTAAT   CCCAGCAGTA
229551   TGGAGGCAGA   GGGAGGTGGC   TCTCTGAGGT   CAAGACCAGC   CTGCTCTACA
229601   GAGTGAGTTC   CCGGACAGTC   AAGGCTACAC   AGAGAAACCC   TATCTCGAAA
229651   AACAAAACAA   ACAGACAAAC   AAACAAACAA   TAGAAAAAGA   AAACTGCCTC
229701   CATCAGATTA   GCCTGGGGGC   AAGCCTGTGT   GCATTTTCTT   GATTGATAAT
229751   TACTGTGGAA   GTGCCCATTC   AACAGTGGGC   AGTGCCACCC   CTGGGCTCCA
229801   GGGTCATGGG   CTGTATAAGA   AAGCAGGCTG   AGCAGGTACA   CTTAGGATCA
229851   AGCCAGTAAG   CAGCACTGCC   CCTATGGCCT   CTGCACTGCT   TTCTACCTTC
229901   AGGTTCCTAT   CCAGTTTGTG   TTCCTGCTCT   GACTTCACCC   AGTGATATAT
229951   ATATGTGTGT   TTTCATGCTG   AGGTACTTAA   CTACAGGTGT   CCACAGAGGC
230001   CGGAAGAGGG   CATTGGATCC   CCTGGAGCTG   GAGCTGTAGG   TGGTCCTGCT
230051   TGTCTATTGT   TGACACTAAT   TATCTAATTA   GGTCTTCTGG   AAGAGCAGCG
230101   AGTGCCCCTA   ACAGCTGAGC   TGACTCTCCA   GCCCCAGGTG   AATCTTGTTT
230151   GCTCTTAACC   TTTCGAGTCT   CTCCATGAAG   TTAATACACA   CACAGATCCA
230201   TGCAGAGATT   CGGATAAGTT   TGTTTCAAAC   TTGCATCCAT   TGCTTTGAGG
230251   TCAAATCTGT   AGGAGAATTG   GCATCTTTGC   AACACTGAAC   TCTGTAGTTC
230301   AAGCTCAAGG   AATAACTTCC   TATTATTTCA   GTCTTCCTTC   ATTTACCTAG
230351   TGTATGTTAG   TCCTGTAGTT   TTAATGTAAT   TCTTTTCAAT   GGGTCCAGAA
230401   TATTTTATGA   GTAGCATGTG   ACTTTATTTG   ATCAATGCCC   TTTGTTTTAT
230451   TTCACTAATG   TGAAGTGTGT   GGTCATGAAC   ATTCACATTT   AAGTAGCATC
230501   TGTCTTTTTG   GAAAACACAC   ATGGCCTTGG   ACTTGGAAAT   CAGTCCCACA
230551   CCACACGCTG   TCGTCGTCAT   TGTCCTCATC   GTCCTCCGCC   TCCTCCTTCT
230601   CTTCCTCCTC   CTCCTCTGTG   AACTCCATCC   TTCCTCTGCT   TCCTTATAGT
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82

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230651  TAAAATAGGG  TCCACTCTTG  TGAGTCTCTA  GAATGGAAAT  CATATTCGTG
230701  TGACTTTCCA  ATATGATTAG  AAAAAATATA  ACTCATCTTA  GTTTCATCCT
230751  GCATCGTTTG  GTTTTGCTTT  GTTTTGCTTT  GTTTTTCTTT  CTTTCTTGAG
230801  ACAGGACCTT  GTGTTGCCTG  TGTCACCAGG  ACCCATCCTG  AGCTCGTGGT
230851  CCTCTTGCCT  CTGCCTCCCC  AGTGCTGGAA  TTACAGGTGT  GTGCTACAAT
230901  GCTTGAATTT  TGAATTTTTT  TATTGAACAA  GTTTTCATTT  GGTCAATAAT
230951  TTTCATGGGA  TCAGTATATT  TATTCCCTTT  TCTTATTAAC  AGTGTGTTTT
231001  TATATATCAT  AGTTAATAAT  GTATCATATT  TTTACAGAGC  ATAGATCTGT
231051  ATATCAGATT  CATTAGCCAG  TATTTTTTCA  TTATTAGAAT  AGGCTTATTT
231101  TTTATGGGAG  ATGGAAGGAG  GGGGCATGGG  AGAGAGAGAG  AGTGGGGAGA
231151  GAGAGAGCAA  GAGAGAGAAT  GAACACTTCC  TAATTCATGC  CTTTGGATCA
231201  TTTAATAGTA  TCATATCAAT  AGCATACCTA  GTATGTTCAT  AACTAGATAA
231251  GCTAAAAGGA  TGATCTTGAG  TGGGAAGATC  ATTGGCCATA  GATCCAGAAG
231301  ACGGTTCTAG  ACATGACTCC  ATCACTTTTA  CCACCGTGGT  ACTGAATATT
231351  CTCTTTGAGC  CTAATTTCCT  CATCTCTACA  GTTACCTAGA  CTTTAGCCCA
231401  GCCTCTAGGG  GCTATGTGAG  GTCATCTTTT  AAAATATTGT  TAGGGTTTGG
231451  GGATGTACCT  TGTACTGACT  AGTTTTATGT  GTCAACTTGA  TACAACCTGG
231501  AGTTATCACA  GAGAAAGGAG  CCTCCCTTGA  GGAAATGCTT  CCACGAGATC
231551  CAGCTGTAAG  GCATTTTCTC  AACTAGTTAT  CAACCGGGGA  GGACCCAGCC
231601  AATGGTGGGT  GGTGCCATCC  CTGGGCTGGT  AGTCTTGGGT  TCCATAAGAA
231651  AGCAAGCTGA  GCAAGTCAGG  GGAAGCAAGC  CAGTAAGGAA  CATCCCTCCA
231701  TGGCCTCTGC  ATCAGCTCCT  GCTTCCTGAC  CTGCTTGAGT  TCCAGTCCTG
231751  ACTTCCTTTG  GTGATGAACA  GCAGGGTGGA  AGTGTAAGCT  GAATAAACCC
231801  TTTCCTCCCC  AACTTGCTTC  TTGGTCATGA  TGCTTGTGCA  GGAATAGAAA
231851  CCCTGACTAA  GACATGCCTT  AATTGGTAAA  GTGCTTACCT  GGCATTTATT
231901  AGGTCCAGGG  TTCAATCCTC  AGCACTGCAT  AAAACCAGCT  GTGGTGGTAA
231951  TCCCAGCACT  TGGGAAGTAA  AGGCAGGAGA  GTTGGGACTT  CAAGGTCATC
232001  CTTGGCTATA  CACTGAGGCC  AGTCTGGGCT  ATATGAGACC  CTGCCTCAAA
232051  AAACAAAGAA  TAAAAAAAAA  AGATTGCAAA  CAGTAACTGT  TACATAATAT
232101  ATAGAGAGTG  CTAATAAATA  TGTCATAAGT  GAATGTATAT  TTTACTAAAA
232151  TTATCTTTCA  GCTATCCTCA  TTTATGAAAC  AGCCTTAGCA  AACATGTTTC
232201  TTGTTCTGTG  GCTTTGGGTT  TACATCTCTT  TGCATGACTG  TTTTTGAAAG
232251  AAATGGTTTA  TTGCCTTTAA  AAAAAAAAAG  TCCAAGCTGA  TGTTCTTTGC
232301  TGCCATTCAG  AGGGTGTTTG  TGGCTTATTA  GCGCTCGGGG  CCGTGGGCTC
232351  CATCTGCGGT  ATTGACAGTC  CTTATGAGCT  TGTTAGCCAC  TGTTCTAATA
232401  AAAGTCATCT  TGATCTGTGA  GGAAGGCACA  GCATGGCATT  AAAAGAATAT
232451  TGAGTTGGAA  ATCTGTATTT  TGGGCCTTTC  ATTAAAATGC  ACCCCTTCAC
232501  AAAGGAGGCA  GTGTGGATTT  GCATTGCAAA  GGGTAGCTTA  TTTCCTTCTG
232551  CAACACTCGA  AGCCAAGTAA  TTTAATTATG  TCTCTGCCAT  AGCCTTTTAT
232601  CTTCTGCAGA  GGAACTTTCT  CTCCTCTGAC  AGTTCACATT  GGAAGCCACT
232651  CTTCTTATCC  CTAGAATTAA  TTAACATGCA  AATACTTGTC  GAGAGACACA
232701  GGAACACTGC  TTTTTCAATT  AGCTTTTAAA  TGTCACTCTT  AATGGTGGTA
232751  GATTGTCTCT  TTTAAGGGAA  AATTAAACTG  CTTTTTCCTC  GTGAATGCTG
232801  TTATTGATGT  GTCTGGTGAC  TGGCACCAGT  GGGCTCTTTA  AGTTTGCACA
232851  ATCAGAGACT  AACTGAACCA  GGGTTGGATG  GGATTTGATG  CTGTAATGCA
232901  GGGTTCTCTG  CCTCCTCCTG  AGGGCTGGGA  TTCCAGGTGT  GTAGCACCTT
232951  ACCTGGCCTC  AAAAGGGCGT  CTTTGGATCG  GACGTTGCCG  TTGGAAACTG
233001  ATGTGCTTTG  AAACATGGAC  ACAGACACAC  ATGGGTGCTG  CGATTTACCG
233051  TGGGTGTGCA  TTGAGAAAAA  AAAAAAAAAA  GGAACAAAGC  AAAACAAAAA
233101  ATCAAACCGA  CCTTAGCGGT  ATGTTTTGAA  ATCAAACCTC  CCATGGCAAA
233151  TTAACGTTTA  GCCTTCACAA  ATTGCTATTC  ATCTATCATG  TTGTCAAGCT
233201  GTGGCCAGTA  AATAATTACA  TAAGATGACC  TTTGCATACA  GCTCAGTCAT
233251  CGTCAAGTAT  TTTATTGAGC  CAGTAGATTT  TATTTATTTA  TTTATTTATT
233301  GGACAGGATC  CATCCATCTA  GGCTCAGTAG  TCATGGTAC   AGCCCCTTTA
233351  AAGAAGCTGA  AGAGGCAGAA  TTAAGAAGCA  TGGAATGCCA  GTGAGCTAAG
233401  AACCATGCCA  GGGAATAAAT  AAGTGCACAG  TGCACTGAGC  TGAACAGCAG
233451  TGTGTGCATA  CACTGGATTT  GGGCTCCCTC  TCCCGAAAGG  TTTCTGTGTG
233501  TTGCTATGTT  GAGCTTAGTT  TTGCAAGGTC  AATGGCAGTA  TTTGACTGAC
233551  ATCTCCAGTG  CAGTGAGGGT  TTTCTTAGGG  TTTCTAGTAC  TGTGGTCAAA
233601  CACCATGAGC  AACAAGCAAG  TTGGGAAGGA  AAGGGTTTAT  TTGGCTTACA
233651  CTTCCAGATC  ACAGTCCATT  ACTAGAGGAA  GTCAGGATAG  GAACTCGAGC
233701  AGGCCTGGAA  CCTGGAGCCA  GGAGCTGATG  CAGAGGCCAT  GGAGGGCAGC
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83

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233751   TGCTTACCGG  CTTGCTTCTC  TTGGCTTGCT  CATGGGACTC  AGGACCCAGG
233801   ACCAGCAGCC  CAGGGATGGC  TGGGCCCTCC  CACATTGATC  ACTAATGGAG
233851   AAAATGCCTT  CCACCTGGGT  CTCAAGGACT  CCTTTTCCTC  TCTGATGACT
233901   CTAGCTTGTG  TCAAGTTGAC  ACACAAAACC  AGCCATTAGG  AGTTGTTAAA
233951   TAATAACAAA  AGAGTATGTG  CTGCCTGTAG  ATTAGCAAAC  AGGGCTTTGG
234001   GGACCAAAGT  GTTGGATGAG  AGTTCTGCAG  TTAGTGGCAG  CCTGTCATAG
234051   AGCAGGCTTC  TCGGATGCTT  GGGCTTCTCC  CATGATGACA  TAGTGCCTTC
234101   TGAGAGTGTA  GGCTAGATTC  AGGACTTGGG  GTTTAGGATC  AAGGTTGCTA
234151   GAGATCAGTG  AAGTCCCAGG  AATGCCTGCT  TCAGCACCCC  AGGTCCTCTT
234201   TGGTCCATCC  CTTCTGTTCT  TGACATTCAT  CGTCTCAAAC  CTTCCTATCA
234251   GTTATCTACA  GTAGGGTACC  ATGGAGTGTT  TGAGGGGGTG  TTTGCATTAT
234301   TATAAACAC  ACATTTTAGA  TTCTAAACAC  ATTCTTATGG  CAGTAATCCA
234351   AGTTACATAT  ATATATATAT  ATATATATAT  ATATATATAT  ATATATAAAG
234401   GGGGAGTAGG  AAATTAAAAG  CAATTGTCCA  TTTCCATCAC  AATTCTGATC
234451   TTCTTTTTAA  GAAAATTAAT  CTTTTTAGCT  ATGGATAATC  AAAAGCACAG
234501   TTATTTAATG  GAAGCAGATT  TAATATTTGC  CTTTTTCTGTA  ACCCGCCTTC
234551   GTTAGATTCT  GTAGGAGAGC  TTTCTTGGTT  CCTCCTTCAT  GTTACTTCCT
234601   AACCACTATT  GTAGTCTATC  TTTGTACTGA  ACGCTGGTTA  CCACAGACTG
234651   TGCTGAAGAG  AACATTCTTG  AGACCATCTG  CAGATGTGTA  AAGCGGTCAT
234701   TTGTTGAGGA  TTTTGAGTGA  ACTCTGTAGT  CTTGAGTATA  TGTGGATTTC
234751   CTCTAGGAAA  ACCCAGTTTC  AGCCATTTTT  CAGCCTATGC  ACAGTGCTGT
234801   GAATGGCGGC  TTACCATGGA  TTCCTCTGAA  AATAGAATCC  CAAACTCAAG
234851   GCTTGAAGAA  ACAAAGAGGA  GAGGAGTGGC  TAAAAATATG  TGGTGGCCAA
234901   GATGTATGAA  AATCTAACTT  GACACAAAAA  TCTGTGCATG  GTGGCATTAT
234951   TCATAGTCGC  CAAAATGTGG  GGGCAAACCT  CAGGTTCATC  AGCTGTTGGG
235001   TGGATGCACA  ACACGGTACA  GAAATACAGT  AGCAATCACA  TATATGGACG
235051   GATGTTATTC  AGCAGTAGAG  CTACAATGTG  GATTGAAAGC  ATGATGCTAC
235101   ATCTGAAGAG  CCAGTCAGAA  GTGAGCACGT  ATGTTTTTCT  GCAGTGTCCA
235151   GAATGGACAG  CTCTGAGAAA  CAGAGAGAAG  GTTTGTGGCT  GCTTAGAGCA
235201   GAGGAGGCAA  AGATAGGGAC  TTGGGAATTG  GCTGCTATTG  GCACAATTGG
235251   CACAGTGTTT  CCTTTGGGGT  GATGGAAATG  TCCTAAAATT  AGACTGTGGC
235301   GACAGTTGCC  CAACTCTGAA  TATATAAAAA  CCCACTGAAC  GGCATATTCT
235351   AAATGGGAAA  TTTTATGATG  TGTGAACTTC  CAACCATTGA  AATGATTAAA
235401   GTAAGTGGCT  TCCCATGCAT  GGTTAGGGAC  AAAAGAGTGA  GGATGCACAC
235451   TTCACCCTGA  GCTTGTGGGC  CAGGCAGAAG  AGCAGTCATA  GCCAGCATGG
235501   CCAGCAGTGC  GTTGGGGACA  TGCATTCATT  TGGGCTAATG  ACAGCCAGCT
235551   GCAGGGGAGC  ATTGTGTGGC  CTCAAGGCCG  TCAAGGCTAT  GTTCCTCAGG
235601   GTCAGAAAAG  GGGGCAGCGC  CCCAGATTAA  TGCTCTGTAT  GTGGTCAGGC
235651   CTTCGCAGAC  ACAGGAGGCA  CTCTTCCTGT  TCTTCCAGAA  GGCCGTAACT
235701   GGTTCCTCTG  CTGACCTAGA  AAGAAATGCC  CACTGTGCTC  CAGTATCTGG
235751   AAAAGTCGGG  TCAGAGAGGG  GAAGTTGAGC  TCAGCTGCTG  AGTCAAGGAC
235801   AGGGAGAGGA  AGACCTAAGG  TCACAGACTG  AGCCCGGCTC  ATCTTAGGGA
235851   ACAAGTACCG  TCAGTTTGAG  ATTTAGCAAT  TAAGCTCTTC  CTACGACAGT
235901   GGGAGTGACT  GTTTCTCTGG  AAGCGTTTAC  TCCCGAACAG  TGTCCTAAGA
235951   ATGTTCAGAG  GGAAGTCAGC  CTTTTAAGTG  GTTCTCTGTT  GTGTTGATGG
236001   GCAACATTTA  GCTCAAGGAA  ATAGGATTAA  CTTAGCACTG  CACACCAGCA
236051   GTTAATGGAG  AAGCAACAGC  CCTCTTCTCC  AAGCCCACAT  GTCCTTGTGT
236101   CCGGTCTTTC  AACACTGTCT  GCATCTCTTC  CCTGACCTGT  GCACAGATTG
236151   GATTAAACCA  CAACCCCCCA  CACCCTCCGT  TTAATTATGC  TCAAGTCCGA
236201   GGTTTTGAAC  TCAGAAAGAA  CTGGGGTCCC  CGTGGTCCAT  ATGAAAGTTA
236251   ATTAATTTTA  GGTAGCTGCT  GCTGGTCTAC  CAACTGTTTA  CTTCAGAAGC
236301   CTGGGGCAGC  ACATGTGTGG  GGTCAGTGTT  GACCCAAAAG  CCAAGTGGCT
236351   TGGGAACAGG  CAGAAAGAAG  TCTTTTCCTT  TGTCATTCTT  GATTTTTCCC
236401   CCCCTGTGTT  TTGTTTTGTT  TCTGTTTTTA  TCTTACTAAC  TTCACTGAAG
236451   ACTATTCTTT  TGAGAGCCGA  GGCCATAACT  CAGTGGTAGA  GCCCTTGCTT
236501   TGCATATGCA  GTACCCTAGG  TCCAATCCCC  TACACTACCT  AAAAGCAAGC
236551   AAGCAAGCAA  GCAAACAAAC  AAACGAAACC  CCCGGACAAT  AAAAATTAGA
236601   CTTTGTACTT  GATTAGGACC  CCCTAATCAC  ACAGAAACCT  CAGCTACTAT
236651   AAAAACTGCT  CAATAATTTT  TCCCCGATT  TCTTTGTTTC  TTTGTTTCTG
236701   GTTTTATTGT  AAATTGCTAA  AGAAATGGCA  CCAATGAGGA  AATTTGATAA
236751   GTGATTTACT  GTGAGGAGGC  AGAGAGAGCC  TTGCTGGGCT  GGACGCGTGG
236801   CTTGAGTGGG  GTCTGGTGGG  TATTTTTGTT  TTGGTTGCTA  TTTTTAGCTG
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84

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236851  AAGCCCCGTG  GCGGGCTAGG  GAGTAACTAC  GCTCGGTTAT  GTTCATGACA
236901  ATTAGAACCT  TTCCCTTGAA  TCTGTGAAGT  CCCAGTCGTT  GGGAAAACCA
236951  CACTACACCT  CCCTGATTGC  CAAAGCACCC  CCCTCTCTGA  TATAACTTCC
237001  TCACATACAA  TAAATGAAAA  ATAGCATTTT  CTCCCAAGTA  TATCACACAA
237051  GATCATGTGG  ATTATTCTTT  CTGATTATTA  GTCGAACATG  AATCATTACA
237101  CAGAACCATG  CAGGGCTTTG  TTTGCTAAGT  GTATTTTGAA  AGATAGCTAG
237151  CCATGGCCTG  CAGTAGAATT  CCTTTTGGCT  CCTGTGTTAG  TTTATTGAAA
237201  GTAGAACTCA  CTAGACTCGT  GAATGCAAGA  GCAAGGTGTC  TCCACCATCT
237251  TCTGAGTTGA  GGATAACTTT  CATCCTTTGC  CAGGCTCCTT  AGAGACTGGC
237301  TGTGAGCAGC  CCTGACTTAA  CTTCAAAGCA  CAGCTTGTCC  CTTTGCCATT
237351  GGCACCACAG  CATCTTAATT  ATGCTTGGAC  AGCTATTATT  AGGATAGACA
237401  AGTGAGTAAG  AACTTTCCTT  TGTTGGTTTA  TATTGCTGTT  TTGTGTGACA
237451  TTGTATAAGC  TTAAGCTCAC  CCAATTATCA  CAATTGCCAC  ATGCCAATGT
237501  ACAGTCATTG  ACGGAGACTC  CGAGTTCTTT  CAGTGTCTGA  TGGATTGTTT
237551  TATTTAGTTC  ATAGAAACAA  AATGTTTCTT  GCCATGCCAT  CTTCCTAAGC
237601  CACAGTCTGG  ACACAACTGT  TCTATTAATG  TGTTTCTGAC  CAACTCAGAG
237651  AGCTGTTTAT  TGACTAAATC  CTTGGGTGAC  TGATTGTAAG  CATGGTCCTG
237701  GTTATGACTG  CAAAAGAAGA  AAGTTGGGTA  TAATCAACTT  TATTAACAGT
237751  GATTTCAGGA  ATGTGTGCTT  CAGAGAAAGA  GGGATATTTT  CAATGTTCAC
237801  ATACTTTCAA  AGGAGGAAAA  TAAAAAGGG   CAAGTCCATA  CAGCAAAAAT
237851  CACAGTATTT  TAGATAGAAA  AAAAGAGGGG  TGGGGGTGGG  GGTGGGGGTG
237901  GGGAGAGGGA  GCTGTTTTAA  GAGCAAGAAA  CTCTTGTTGG  ACTTGGATCC
237951  CAGGAGAACA  CACGTTAGAC  TAAAGGGGGA  AACAAATAAT  GAGGCAAGAA
238001  TCAGAAGAGT  GATGTAAACC  AGCAGCCAAA  TAGCCACAGA  GCTTAAGGCC
238051  AGACCTAACT  GTGTCTAGAG  ACTATGGAAC  CCACCAGAAG  AGCACCTTTA
238101  TGACTGAGTC  CAGAGTGAGG  GGAGGTGGAG  ACTAACCAGG  CTCATGGCTC
238151  AAGGCAGGTG  GAATAACGTT  AACATATAAC  AGTGATTGAG  AGTGAACCCA
238201  GTGTATGTGA  TAGGTAATGA  TAATAACAGT  TATTACAATC  TATTGACTTT
238251  CTATTCAGGG  CTGGACACAA  TAAAAGAGGA  TTTAATTATT  TTTTTCTAGT
238301  ACCCGTGACA  GCTGTGCATG  GTAGAGATTA  CTGTTATCAA  CCCCGTTTTA
238351  CAGAGAGAAT  ACCAGGCCAC  GGGAGATTTC  ATAACAAGCC  TGAAGTTTGT
238401  AAATGAGAGG  ACAACATTCA  TATTCGGGTC  TGACCTGTTT  TAGTGTCTGG
238451  CTCTTGGCAG  GGGACAGTTT  CATACATGTA  TGGCGTATTT  ACAATATATG
238501  CATTTGTATG  CGTCTGTATA  CAATGTATTG  TGATCATGTT  GGTTCCTTAG
238551  AACCCCCTTC  CCCTCTCTTG  CTGACCCCAT  CTCCCCAATT  AACCCTCTCC
238601  TACTTTCCTT  TTATTTTTTG  GACTCACTGG  ATTTTATTAG  AGTTGCTTAT
238651  GTTGGCATTG  GATAGGAGTT  ATTTATTGGA  GCCTAGGCAA  CATACCGGGG
238701  CTACACCACT  GAAGGAAATG  AATGACTGCC  TCTTTTGAGT  AAGCATCCCA
238751  ACTCTTATGC  CTACTAGCAC  CAAGCTTTGA  AACAGATTGC  ATGTTTCCGT
238801  TTAAATTACT  ATAGTGTCAG  GCACATAAAC  CAAGATAAAC  CCAATAGATG
238851  GCATTGAAGA  GCCACAGCGT  GGAGTCATAG  CTGAAACAAG  GAAATGGAAT
238901  ACCATGATCC  TAAGAAACGT  ACGTAGCTGC  CGGCTGGCTC  ACTTGCTCAG
238951  TGCTCTCCTA  CACTGGGCAG  AGCCCTGAGC  GTAATCTGCA  GCACTGGAAA
239001  CGGACCATCT  GGATTTCTTC  TTATAGGTCC  ACTTGAGACT  GTTTGGAGCC
239051  AAGAATTTTG  ATAGTGATCC  CTGGCAAACC  AGACTTGGTG  TCAGGGAGCT
239101  GCTCTGTAAA  GCTGTAAGTG  ACGGAAGAGA  TGCGTAGGAG  ACAGCCTATG
239151  CGTTCACAAG  GTGTGCCAAC  TTCGATTCTC  CCAACCTGTG  CTCCTGCCCT
239201  CCTCTGTTCC  TTCCTAGCTA  TTTAAATGGC  GATCCTATTG  TTGGAGGATT
239251  TCATAGGGGA  TTGCGAGCAA  GGGAATTCAT  CTGGGCTCAG  TAAGGCAGAT
239301  TCATGTTTGA  TTTAGCTTCT  TTTGCGGAGT  ATTGATTTTA  AACAGGTTTT
239351  GCTGCATAAT  ATTGTGGTTA  TGTCATCCCT  CTGGACCATC  AAAATAGCAA
239401  CTCTTGTCTA  AAAAGGAAAT  ACGTTCTGG   CCTGGATTGT  TTGGCATTTC
239451  CTGGTATTTA  TTGGCTCCCA  CATGCCTGTG  AATCTTCTGT  GTCAGCATTC
239501  CTTGTGCTTA  TATTCAGAGG  AAGGAGGAAG  AACAAGTCAG  TGTCACCTCC
239551  TGAGAGCAGC  AGTGTGGGCA  ATGGTGACCT  CTGGATGACA  CATCACATCC
239601  GTTCATAAAC  TCTGCTAGGG  ATAGTCTGTT  CCTTACCATA  GCAAACCCAG
239651  TGGTCTGTCA  TTTAGGGACT  CCCACTCTTC  CATTTTTCAA  GATCCAGAGT
239701  GATTTGGTTG  CCTTCTGTCT  GGCTCCTCAG  AGTCTCCCAT  CTTTCTGCGC
239751  AGCTGTCGGT  TCTCCCAGCA  TCTTAGAAGA  TAGCTCACCT  TGGCTTGGTA
239801  ACTTCAGTGC  ATATAAACTG  GTTTTATCTTT TGCCTATCTG  GGGTGGGGGG
239851  GGCTTTAAAC  CCTGTTTGTG  TTTTATCTTT  TGAAGTAGGA  AGAATTTGGC
239901  ATGGCATGGC  CAGTAGCTTA  AAGTGAAGTA  GGAAAGACCT  CCTTACAGTT
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85

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239951   TTGGAGATTT  GAGACGAGAG  TATAGTGTAT  CTGTTAGTGT  TATGAAGATA
240001   GTGTGCATGC  CCTGGATAGG  ATATAGAATA  CCTCTGCCTT  TTAAGACTCT
240051   ATGATTATGA  ACAGTTCCGT  TTCATACATA  CACACTTGGG  TACTGTCCAA
240101   ATCAAATTCA  GGGTCAGGTA  GATGGTAGGG  TGGGTAAAAA  AGCTGCACAA
240151   GACATGGTGA  TCTGTGACCC  CATCACCCCT  GAGGTGAGAT  GGGAGGTGAG
240201   GCAGGAGAAT  GGATCTGAAG  CCACAGGCCA  GCTCTTTTGG  AATGTGCATT
240251   TCAGCAGCCC  TCATGATCAG  CACATGTGTG  CTGTGGCATG  CATATATGAA
240301   GGCATGCGTG  TTCCTGCGCA  CACTCTAAAT  AAATAATTGA  AAAACCTTGC
240351   AAGTGGAAAA  CCATTGCATT  ATGGCGCCAT  TGTTACCCAA  GAAGACTGTG
240401   TCATTCCAAG  TTCCCAAAAG  TCATTGCTGA  TTTGATGACT  CACAGGGAAC
240451   GGATGGTGGT  TTGGAAATGG  GTCTATGTTA  GCAGCCCTCC  AGTTTTTTAC
240501   AGATGCTATG  AGGGTATCTG  TGGCTCGGGC  GTAAGATGGT  TGGCCGTCAC
240551   CACTCCCTTT  ATTCTAAGTG  GTTGTCTTAT  TATTGACCAC  TGAAGAAGAG
240601   AAGTAAAGGT  TTAGCGAAGG  ACCCGTTTGC  ATACACGACT  GTGCTGAGGC
240651   CTAAACTTGG  CAGCAGTTTG  AATTAAAATG  AAGTTTAACC  TGCCCATAGT
240701   CAGGCTGGAA  GCAGTACTGT  AACACATGTT  TAGTTTCTCA  AAACAAGTAG
240751   CGCCTCTTTG  AAAACAGCAC  ATTTTCTCAT  AGCAATGCCT  AAGTTACCTG
240801   GAGTGATGGG  ATTTGCAGGA  TTATTGGCAA  AACTGCACAC  TGCCAGGAGT
240851   TAGAACTGGT  GGTCAGGACC  AAAGTGGGAT  GAACGGCACA  GTTGTGTCTT
240901   CAGCTGAAAC  CCACAGGGAA  CAGTTTGTAG  AGCGCTGGGG  ATGGTGAGAG
240951   GCTAGCAGTA  TGAAGTGAGC  CCAAGGCCTG  AGAGGCTCCT  GCTGCTGAGT
241001   GAATGTGGAG  GATCGTGCTG  GGGTGGCTCT  CACAGGGCAG  TGACCACAGC
241051   AGGCAATCTC  TGATGTCAGG  TCCAGTCTTG  TCCCTCTTCC  TGAGCTGTGG
241101   TCCAGTTGTA  TTGTAAATGT  GTGGTCAGGT  GCCCGGCTTT  CTTTATAGAC
241151   CTGAAGTTTT  TGAAGGCAGC  CACGAACCGA  CTCCATTGCA  TGATCCTGAT
241201   CTGGACCGCC  GATGCAGGAT  CACACGATCG  CAAAGTTCTG  GGGGCCTTGC
241251   ATCATGGTGG  CCCTTCTTCC  CCACATCTTA  GCTTTGTGGT  CTGTGCAGTG
241301   GAGACTGTGT  GCAAAAAATG  CTTGTTGATG  GAAAAAACAA  ACAACAAACC
241351   TTTTTCTTTT  TTGTTTTTTCT  TTTTGTTGTT  GTTTTGAGAC  AGAGTCTCAT
241401   TATAAAGCTG  TGGCTGTCCT  GGAACTCACT  ATGTAGACTA  GGCTGGCATT
241451   GAACTTGAAC  TCACAGAGAT  CCTCCTGGCT  CTCTGCCTCT  GCCTCTTAAG
241501   TGCTAGGATT  AAAGGTGTGC  ATCACTATAC  CTGACTACAA  ACTCCCCTCT
241551   GAGCCCCTAC  ACTCTGTACT  TATAAACTCT  GTGAAGAGG   GACCTGGCCA
241601   ACACCGACAT  TGGTATCTGG  CTATGTGGTG  GTTTAAAGCA  AGCATGGCCC
241651   CCCATAGGCT  TATATGTTTG  AATGCTTAGA  CATCAGGGAA  TGGCACTAAT
241701   TGAGAGGGAT  TAGGACATGT  GTCCTCATTT  GAATGAGTGT  GGCCCTGTTG
241751   GAGAAAGTCA  CTAGGGGTGG  GCTTTGGGAT  TTCTAAACCC  CAAGTCAGCT
241801   CAGTGTCTTC  TTGCTCTTCC  TGCTGGCCGC  GGTCCCAGGT  GTAGAACTCT
241851   TAGCTACTTC  TCCAGCATCA  CATCTGCCTA  GATGTTGCCA  TGCTTCCTGC
241901   TAGGATAACC  ATAAACTAAA  CCTGGGGAAC  CGTAAGCCAT  CTGCAATCAG
241951   ACACTTTTCT  GAGAGTTGCT  GTGGTCATGG  TGTCCCTTGA  CAGCAGCAGA
242001   ACACTGATTA  AGACGGGATG  TGTGTGTGTG  CAGATGTGGC  AGTCAGGCCT
242051   TGGCCGCTGA  CTCACAGACA  CTGGGATCCA  GCTGTGTGTG  CCATATAAAG
242101   CACTGGCTGT  TTTAATATTG  ATATTACCAA  CTTGGTCTAT  TTTACCTGAC
242151   CTTGTCAGGT  CTTTGATATT  ATTTCCAGTT  CATTCTAATT  AGTAGTAACC
242201   TGTTATCCCC  CACTCTACCC  CCAGCCCCTG  CCAATCTCTC  ACTTTCTTCA
242251   TTTATCTCCC  CTCCCCCTAC  CTGTCTCCTT  CCTCTCTGTG  ATGGTTTGTA
242301   TATGCTTGGC  CCCGGGAGTG  GCACTATTAG  AAGGTGTGGT  TCTGTTGGAG
242351   TAGGTGTGGC  CTTGTTGGAG  TAGGTTCACC  ACTGTGGGTG  TGGGCTTTAA
242401   GACCCTCATC  CTAGTTGCCT  GGAAGTCAGT  CTCCCACTAG  CAGCCTTCAG
242451   ATGAAGACAT  AGCACTCTCA  GCGCTGCCTG  CCCTGTGCAT  CCCTAGATGC
242501   TCCCATGTTC  CCATCTTGAT  GATAACGGAC  TGAATCTCTG  AACATGTTGT
242551   CCTTTATAAG  AGTTGCCTTG  GACATGGTCT  GTTCACAGCA  CTAAAACCCT
242601   AAGCTACTCC  CTTTCCCCCT  TCCTCTTCCT  CCTTCCTGCT  TCTGTTTCCC
242651   GTTCCTCCTC  CCCAGCCTTC  TGTCCGCTAG  TCTAGTCTAT  GTCAGCAAAC
242701   TCTTCATACA  TAGCCCGGAC  ATTATTTTAG  ACCTCCACCC  ACCTTCTTTT
242751   ATAGCCTGGA  TTGGACTTCT  CTGTTCAGGT  GAACTTCCCT  TGTAGAGTTT
242801   CAAAAATACC  TTTCAAAGAA  CCTTCAAAAA  TAATACAGAA  ACAGAAAAAT
242851   AGTTTTAAAT  AGTACTTTCC  CTTTCATGAA  CCTTTTCTTT  CTGTGGGGAA
242901   TTCTGTGGGG  GAGATTTTGA  GACTCTCTTC  CTGCGCACAT  TTTTCAGAGC
242951   ATACCACCTC  ATGTCACCAA  AACACCGTGC  ATTGCACTGG  CGTGTGTGTG
243001   TGTGTGTGTG  TGTGTGTGTG  TGTGTGTGTG  TGTGTGTGTA  CACGAGACCA
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86

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243051  ATGTCATTAT  ATGTTCCGTA  GGATTAATTG  TAACATAACA  TTCCCTTAGA
243101  AAAGGGCTAT  CTCGCCTGTC  TGTTTCTGTT  CTCACCCATC  GCTCCTACAG
243151  AACGGGGGTG  GGGGGGGGTT  GGTGGGGGGG  GGGCTGGGGC  TTCACACCTG
243201  CCTAGCTCAG  GGGCATCTGC  CTGTTTATGA  GCAGTAAATC  ATTTTTTATG
243251  ACTCAGGGAA  GCTTTGTGCA  TTTAATTATC  CAGGGGAAAA  ACTGGCCCCT
243301  AACGTGCTTG  CCAAAGTAGA  CTCTTAAAGC  TGACCTAGGA  CAAAGTCAGG
243351  TAAAATGTTC  TCTTCCTGTG  TCGGGGGTAT  TTTAATTTCT  CTCTCTTCAA
243401  TAAATTGTGG  TTAAGGATTA  TTTTTTTCCC  AGCATAGATT  CTGAAAAATC
243451  CCTCCCTTTC  TCACCTATCC  AGTCAGCCCC  TCTGCTTACT  GGAAGGTTCC
243501  ATCTTTACCT  CCACATATTA  TGTAATGAGA  CCTTGTGCTG  AAAGTGCTGT
243551  ATTGAAGGAC  TGACTTTCTC  AATCAGAGGA  TAGAGGCAGT  TTTACAGCCA
243601  AAATAAATAA  GTAGATGGAT  AGATAGATAC  ATACATACAT  ACATATAAAT
243651  AAGTAAGTAA  ATAAATAAAT  AAAATAACAA  AGTACACTGA  ACAGTACATA
243701  TTTCCTCTAC  TTTGGAAAAA  TTACAAAAAA  AATTTATAAT  AGTTCCGACT
243751  GTCGTTTGAA  AAATGAACAC  ACTCCAAGCC  CGTCTGGATT  CATTGGCTTA
243801  AGAGAGGCAG  ACTGAAAGTA  CGCCATGCAC  CAGATGATGG  CAGAACAGAT
243851  CCTCCTTAAG  GACATTTATG  ACAGGCCAGG  CTTTTCGTTT  CTTTTCTTCC
243901  CTGCTGTCTG  TGTGTGTCTC  ATTACTGGCA  GTGATTTCTG  AAGCATCAGG
243951  CTTTTTCCAC  CTTTGCATAA  AGTTAATCAA  AGGCAGTCTC  TTAGTGGCCT
244001  TGAGCTGTTT  TCCATGTTGG  ATCGGATCCT  TGTCATGGCT  ACTCTGACTT
244051  CTACACAAAG  ATGCAGTTCA  CGGAAAAGCT  GTCGGTGTGT  TGTCAAGAAT
244101  TCCTTTTGAC  AGATAACTAG  GTTCTTTTAT  GAAAGCCATC  AAAGGAATCA
244151  GAGAATCAAT  AAATGCAGGG  ATTTGGTTTG  GTGTGAGTTG  GCATCATTAG
244201  TGTGTGTGTG  TGTGTGTGTG  TGTGACTGTG  AGTGTGAGTG  TTGTCAGTGT
244251  GTATGTATAT  ATGACTGTGT  GTGTGTGTGT  GAGTGTGTCA  GTGTGTGAGT
244301  GAGTTTGTGT  GTGTGAGCTT  TTTGTCAGTG  TGTGAGTATG  TGTGAGTGTC
244351  TGTGTTGTCA  ATGTGTGTGT  GAGTTTGTGT  GTGAGTGGTT  CAGTGTGTGT
244401  GTGGGTGAGT  GTAAGTGTGT  GTGATATCTA  AGACTGGGTT  TATATGCCAT
244451  GGTGCATGTG  TGGAGGTCAG  AGCAGAGGAC  AGCTTTGTGG  GTGGGCTCTG
244501  GGGACAGACT  CCAGGCCGTC  AGGTTAGGAT  CTTACTTTAC  AGCTGGCTTT
244551  ATTCACTCAG  GCATCTCCCC  AGCCCCTCAT  TCTTTCCTTT  GAGTTCAGAT
244601  GTAGGAAGCA  GATGTTTGTG  ATGGAGGAGA  CAGCTTTTAC  TTGAGCATGT
244651  TGCCCTTTCT  GTTGTCACAT  ACTGACATTT  TAATCTCGTT  TGAACTTCAC
244701  AGAAATCTTG  TGTCAGGTAT  GACCAGTTTC  AGAGCAGTTA  AGTGGCTGGG
244751  TCTCAGCACC  AAATGTGGGT  CTCTCAGTGC  CCAGTGGGGG  CTTCAGCCCC
244801  ATTGCGAAAG  CTAACTCTAC  CTCCTGGGGA  GCTGCTGTTA  AGCTGGGGTG
244851  TTTGGTTGGT  ATACACTGGT  AGAGATTCAA  AAATTCCCAA  ACTCATCTTA
244901  TATTCTAGTA  AACACACACA  CACATTATGA  ATTTTCAAAA  TTGGTTTTGT
244951  AGTATGAGAG  TATTCAGCAG  CATTTCTGAC  ATTTCCTTCA  GAAAGGAGTA
245001  TAGGAATTTC  ATAGGTCTTG  TTTCCCTGAA  TATTGAAGAG  CTGAGAAATT
245051  AAACAGTGAG  CTGCCATTTG  CTTTATTGGT  AATTGAACAC  ACTGCAGCTG
245101  ACATCAAAAG  GTTTCTCTTG  TAATATTTTC  CCCTGGGCGT  GTTGAGTGTC
245151  TTCTGCTTGT  CAAACGTGAA  AACCATTGAT  GGGAACGCCT  CTGCTTTAGT
245201  TTGAACTTCA  CTGTATAGAT  TTTCCTCTTT  AGGGGAAGTT  AGGTGTCGGG
245251  CATTATCTGT  CAGACAGGGA  GTGAATGGTG  GAGAGGAAGT  TGAATATCTC
245301  TGTCTGTTGT  TTTGTAGTTT  GGGTCTTGAG  CCTATGGAGA  GGATTCATAT
245351  CATTGAGTAA  AAAGGTAAGA  AGGAAAGCAA  GTTCCTTAGA  AATCTGTGAG
245401  AATTGAATAT  AACTGTGTAT  CACAGAGAAT  TTGAAATATG  TTGATGCTGC
245451  ATCCCTTGTG  GAGATCAGCT  TAAGGCAAAC  TGAAATGAT  CACAGGGAAT
245501  ACTTAAACTA  TAATCAGAAC  TCTTATTATT  AATTTATTGT  TAATTAGAAA
245551  TAAGCAATTA  AGTTAATACG  ACTAGGCACT  AAATTCTAAG  TTAGAAAAAA
245601  GGCTCAGGTA  TGAATTCAAA  AGAGTAACAG  TCCAGTTATC  TTTCATCTAA
245651  ATAGGAGATA  TCAGTATAAA  TGCATGATTT  ATATTGTTAG  ACACGTCCAC
245701  CATAAAAAAG  CAGGAAACTC  AGAGGGCATG  GTAACCAGTA  GCATTTAGTA
245751  CCCGAGGCAC  AGAGATTAGG  GCTTCTAAAT  GGCACTTCTC  ACTAGGAGGC
245801  TTTAGGGCTC  CTTGAAGAAA  TGGCTCATTC  TGGGTCTGGA  ATGAGGACCA
245851  TGTGGGAATA  GCCTTGGGGC  ATCTCAAAAC  TGAAAATCAG  CGAAGAGGAA
245901  GCTGAGATGG  CCCAGCCAGA  GGCACCCAGG  AGCCAGCCTG  GAGGGTTCCT
245951  GGGGACAAAA  ATGGAATAGT  GAACATTAAC  AGAATTGAAA  TACATAAAAA
246001  TAAGTTTATG  ATTATGTGTG  GTAAACAAGA  CATGGCATAA  ACCACGCTTA
246051  TCTATTGCAT  TTAAAGTCAT  GAGGTGGCCT  GTTATAGTTC  TGATTGTGAG
246101  TTAAGGAGGA  ACAAGGAAAT  CTGGCCTCCA  TCCCCACTTT  CCTTGGGATC
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87

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246151   CTGTACTTTA GGGCAAGTCC CCCATACAGG CTCGAGGTTA ATAAGTGAAA
246201   GGAGATGCTA GGCATAAAAG ACATGGATTG GTAACACCAA TGAGATCAAA
246251   GAGGTAGGTG ACAACCTGAA CCACACTGAA GACATTGAGT GACAGTGGGG
246301   CTTTATAGTA GAAGATGGCG TGACAGTGCT GGGACCCACA GGTACAGTGA
246351   CAGTACTTGA ACCCCTGGGT CTATTGACAG TATCTGAACC CACAGATATA
246401   TCTACAGTAC ATGAACGCAC AGGTCCATCG AGAGTGCCTG AATCCATAGG
246451   CCCTTTGACA ATTCTCGAAG CAACAGGTCC ATTGACAGTG CTTGAACCAA
246501   CAGATCCATT GACAGTATTT ATACTCACAG ATTCATCGCC AGTACTTGGA
246551   CCCACAGATC AGTTGACAGT TCTTGAGCCC ATAGATCCAT TGACAGTACT
246601   TGATCCCTCA AATCCATTGA CCATATTTGA ACCCACATAA CCGCTGACAA
246651   TTCTTGAACC GACAGATCCA TCGACACTAA TTGAAAGCAC AGGTCCATTG
246701   ACAGTACTTG AACCCACATA TGTACTAAGA ATACTTGAAC CCACAGATCA
246751   GTTGACAGTT CTTAAACCCA CAGATGCATT GATAATACTT GAAAGCACTG
246801   GGCCATTGAC AGTACTTGAA TGCACAGGTA CACTGGCAGT ACTTGACCCA
246851   CTAGTTAATT GATAGTACTT GAACCCAGAG ATCCATCGAC AGTACTTGAA
246901   CCTACAGGTC CAGGTCCATG TTGTCAAACA CAAGCTAGTC ACACACAGGA
246951   ATAGCGGCAC CTGTGACATG TTCTTACCCA CACTCCTGTT TCCTAACAAG
247001   GCTGAACTTA ATGTCATAAA CATCTGTGTC TAATTACAGT GAGCTCTGCT
247051   CAGCCACAGC ATACATTCCA AGGGCCTCTT CTCCCACCAC ACACACACAT
247101   CGGCTGTGAA CTGTTCAAAG TACCAATCTG GCACACATGC TGATTTTTTT
247151   TTCAGTATAT ACATGTGATA GTGTTAAAAA TTTAAATTAA AGACGGTGAT
247201   TAGATATCCA GTAACAACTA ACAGTGAAGG AGAGCAGTTG ACAATAATAC
247251   ACCATAATAA AACTTATGTA ATTATGTCTA CCTTGCACAG TGTCCTGTAG
247301   TTCGTCCTCT CTCTTCTCCT GTGACATTTT TCTTTCCTCT TCTGTGTTCC
247351   TGGAGATCAA ATCCAAGGCC CCATGCACAG TAGACAAGCA TTGGATCATG
247401   GGGTCACCTC TATCACTAAT TTTCTTTTCT TCCTTCACAC TCTCAGAAAC
247451   AGAAGCTTCA TGGTTATCAT AAATCGTACC ATCCTCTATA CACATAAAAA
247501   AGTAAGTTGA AAACTTAACT TCCCCCTGAA GGATGCATGC ATGGCTTCAC
247551   TTTTGCATTT TGATTCTTTA GCTTCCCTAA TCTTGCATTT GGGGCCATTA
247601   CTAAATTATA AAATAAAAGT TACAGGACTA CAAACCATGA CAGTGAATCA
247651   GGTGACCAAT ATGGCTCCAG ACTGATGGGC CAGTAGCACA TTTGTGACTT
247701   GTCCCCAGGG GACTGAGCAG TACATGAGAA AACTTTATCT TGCTATTCAC
247751   AGTCGAATGC AGTTTAAAAC ATACAAATGT TGTGTCTGGA TTTTCCATGT
247801   AATATTTTCA AACTTGGTTA GCTGTGGACA ACTGCTCCTG ATAAGAGGGG
247851   TCCACTGTGG TAGTTTATAG GAAATACGGG GGACAGGAGA TGATGTTTAA
247901   CACCATAAGA TGTAAAGCAG TCCATTCCTG AATATAGAAG TTCTGTGAAA
247951   ACACTGGGTT CATCACGTCC ACAAGTAAAT GTTACAGAAG AAGGTAGAGA
248001   AGGGACTAAG CCAGGCCTAA GGAGATTTAT TAACTAGTTG CAAGTACCAG
248051   CCCTGTTTGG AACTTAAATC ATACAGTCTA GCTGTAAGAT ATCCTTCTTT
248101   TAAAACAATA GGAGAAAACG GAATACAGTC TGTGAGTTAT TAAGGGATCC
248151   TTGATAATTT CTTTGAGTGT TGACAATACT GGAACGATCC CTAACAGTTC
248201   CTATCTACTA GCTGTCTTAC AAATGAATCC AAGGGCTGCT CAAGGTGTTC
248251   TTTAGAATTA GTCCGTTATG AGGTCCAAGA CACATTTGTA TATGCATGAA
248301   ATTGTCAACC AATAAACAGA TAAGGTTGGA AAACACTCCA TTAAAGGTGA
248351   AGAGGTCCAC ATAAGGCCAC AGAGAAAAAT CAGAGTGCTT GAATGTGGTC
248401   CTGGTGTTTG GTGAGGAGGT CGTGAAGTTC TTTACGGCTC TTCTCCACCT
248451   TACCACTGAC GAGAATTGTA CATGATAAAC ACAATTATCT TTTGCTGCCC
248501   GAGAGGCAGG AGTCCTGTCA GGAGGCCAGG ATTTAACTGG AAAGACTCTC
248551   TGCTGTTCTT CCCACTCCGT CTCCTCTCTC TTCACACCCT CGCCGTTTCT
248601   TCAGAAGCCA TTGCTGAGCC CCACTTGTGA CCATTTCTCG CACTTCCCAG
248651   AGGGAAAGAA GAAAGCTTAA AGGTCCAGTT TCCGCCCACC GTGGAACCAC
248701   CGTGGCAGAA GCACTTGACT CTCATCCTGA AACCGTGGCG ACGCGGTACC
248751   ATGTGCCCAG AGTCTGCTGC CAGAGAGGTT TCCTGGGCTG CTGATGATTG
248801   CGAAGGGGTG GGGAGGGGCC TTCCGCACAG TGGCTTGACT CTCTTCCAAT
248851   GCTCTGTGCT CCCTCAGGAA GGTTCCACCT CTCCCTACAG TGCGGCAGGC
248901   GGGGGGACCA GGCTCTCCAC ACCTGCCAGA TACTGAAGCT CAAGCCGTAT
248951   ATCCACCTTC CCACGTGCCC ACGTGCCTTA TTTTACACTG GTTTCCAGAA
249001   GCATAGAGAT TTCATCCGCT TGATTGTTTT TTTTAACTTT GTCTGTGGAT
249051   AAACTTTGAA CAGCCAAATA AGGGCCAACC AAGTAGGACA GCGTCTGTGT
249101   CTCTTGTAGG TGTCCCTCTA ACTGTAGAGT TGTGAAGACC TAGTTGGAGG
249151   CAGGCTGTGA TGACAGGGAA ATCCATGGCA ACCCCTGCCT CACATTCATA
249201   AAATAATAAA ACCCTGCAAA CCAACAATAA CATCCATTTG TACTCGCTCC
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88

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249251  TCTGTGGAGT  GTATTCAGTA  ACCTTTGTAC  TTGAATAAGG  CCCGAGGGAG
249301  AACAGATGAC  TTCAGTTTCT  TATGTGCTTA  AAACACTTTT  TAGGACCATT
249351  GTGGTGGTAG  TGGTGGTGGT  GATAATGATG  ATGATGGTGG  TGGTGGTGGT
249401  AATGATGGTG  ATGATGATAC  ACCTCTACAA  ATGTTAAAAC  AAACATACAA
249451  AGTCCCCGGC  TTCCCCTAGG  CTGGAATTTG  CTTTGCTTCC  TGGCAAAATT
249501  ATTTCGTCTT  TTGTAAAACC  TGGGGGGCGC  CCGAGGGCAT  GTACAGATCT
249551  CACTGTCATC  TGTCATGTGT  CACACGCTAG  ACGTGGGGAG  CAGCAGTCAT
249601  CCATCAGGGT  AGAGGAGTAG  CTCCCTTGCT  GGGTTCTTGC  TGCAGGCTGC
249651  CTTCTGCTCC  ACAAGATTTA  GTGAGAAGCG  GGAAAACACC  GAAGCTCACA
249701  GAAAGATCTG  TGCCCTTCGG  GTGTCTGACC  GGGTCTGTGG  AAACTGTACA
249751  GATGTTCCTA  ACATTGTTGT  GTCCTTCAGA  AATCAAGGCT  CTAGATATAG
249801  TCAAGATGAA  TGACAAAGTT  TTATTCATAT  TCAGGGACCA  GCGAGAACAT
249851  ATATATATAT  ATGTATATAT  GTATATATAT  ATACACATAC  ATACATATAT
249901  ATGTGTATAT  ATGTTTTTAT  GTGTGTGTGT  ATATATATGT  GTGTGTATAT
249951  ATATACATAT  ATATATATAC  ACACACACAC  ATAAAAAATG  GAAGAATAAA
250001  TATCACCGCT  GAGCATCAAG  TCTTATAGCA  CACCAGATGC  AGCTGAGCCT
250051  TGTAACGACA  TAATCGCCAG  TAAGCCCCTC  CAGTAATCCC  ACTTTATAGC
250101  TGAGCTGTCC  AGTGACTTGC  ACAGGGATTT  ACAGTTAGGA  AGAGGCAGAG
250151  CTGAGTTCTG  GGAGCCCTTT  ATCTGACGCC  AGGGCCTCTG  CTTTCTATCC
250201  CCCGTGCAGT  GTCAGGGTCA  ACAGAAGGTA  ACAGATGTGT  AATCCATCCG
250251  GTGCCGATTT  GGTCTCTCAC  CACCTCTGTT  CTGTGTGAGG  ATCTCCGGTT
250301  ATTTTTCACA  TTTATAGCTA  CCCGGAGGTG  AATACAGGGT  AGAAGGGACC
250351  GAAGGCGCAT  ACATGGCAGC  TCTGCAGAAC  CAGCATAGAA  CACCGAGTGT
250401  TGGCTGACTC  GATGTCTAGG  GTGAAAGCCA  CATGGCCTGG  CTACCAGGCA
250451  AGGCAGGTAA  AGGCCATCTG  AGTGGATACT  CACTGCAGCT  ATGAGGAAGA
250501  AGGCACATCA  GACTTAATCG  AATGGCAAAG  AAATGCCACG  TAATCATCAA
250551  TACCAAGATA  AACTCTATCT  TCACTCAATA  AGGATGTATC  CTTTACCAAC
250601  TCACCAGAAA  AGCACAGAGA  CTGTGTACTT  CAAGGTCCCA  GCCTTCCTCA
250651  GGCACAACGG  CATGACAGTC  TTTCCTCAAA  GGAGTGATAC  TTTGACAACT
250701  ATAGTCTCTT  GTTCTGGTAA  TTTCTTACCC  CAATAAGCCC  AAATTAAAAC
250751  AAGCAAACAG  ACCACACAAC  CCAGTTACTA  TAAGTTATAT  GCCTAGAATG
250801  GGCAGATCTA  TCAGTATACT  AACTTGTTCC  CAGCTATCAG  ACTCCTTGCT
250851  ACTTGCCATG  TGGTTCTGCT  CCATATTGGC  TTCCTCCTCC  TCCTCCTCCT
250901  CCTCCTCCTC  CTCCTCCTCC  TCTTCCTCCT  TCTCCTCCTC  TTCCTCCTCC
250951  TCCTCCTCCT  GCTCCTCCTC  CTCCTCCTGC  TCCTCCTCCT  CCTGCTCCTC
251001  CTCCTCCTCT  TCTTCCTCCT  CCTCCTCTTC  TTCCTCCTCC  TCCTCCTCCT
251051  CCTGCTCCTC  CTCCTCCTGC  TCCTCCTCCT  GCTCCTCCTC  TTCCTCCTCT
251101  TCCTCCTCCT  TCCTCTCTAA  GACCTCCCAT  CTCACCTTTG  CCTTCCACTG
251151  CCCAATCACA  GGCTCTAGCC  TTATTTGACC  AGTTAGAATG  GGGAGAAGGT
251201  TCACGTGAGA  TCACCTGATC  TCCTCGAGGG  CAGCCCCTCC  CGAGGAAGCA
251251  GAATTAACAT  CATAATACAA  ACAGCAACAG  TGCAACCCAC  AACCTTCCCC
251301  CTTTTTGTTC  AATACAAAGG  CTTCCTTGTT  CAGATCTAGA  TTGAGCACAA
251351  CCATAACAAT  CATGTAAATA  CAGTGTATGA  CAGTGCACTT  ACCATCCAGC
251401  CTACCATATT  TGTCCTCACA  TATTCTTCAG  TCACATGCAG  AAACACTGGA
251451  AGGAGCATAG  TACACTACTC  TGCTTCTATT  TTTAGAAAGA  TGAGACCTCG
251501  GGCTGGAGAG  ATGGCTCAGT  GGTTAAGAAC  ACTGACTGTT  CTTCCAGAGG
251551  TCCTGAGTTC  AATTCCCAGC  AACCACATGG  TGGCTCACAA  TCATCTGTAA
251601  TGGGAGGGAT  CCGATGCCCT  GTTTCGGTGT  GTCTGAAGAG  ATCAACAGTA
251651  TACTCGCATA  CATAAAATAA  ATAAATCTTT  AAAAGAAAAA  AAAAAAAAAA
251701  GAAAGATGAG  TCCTCTATTG  AAAATATACA  TGCCCAGACA  CCTTTGAAAG
251751  TTATTTTCAA  TTGGCAAATT  ATTCTGGGTG  CTTTCTCCAT  GAGAAGGAGT
251801  TTTAAAATGT  GTATTTGTTA  AGCTTAGCGT  TGTTAGGAGT  AATGAGGCTA
251851  CATCTCACAA  GTATAAGTGG  GATGTGCTCT  GCTAGTCCTG  CAAGTAACTA
251901  AGATGACTCT  GTTATCTGAT  TTTCATTTTC  TTTAACATCA  AATTGAAAAT
251951  AAAAACTGTG  TCCACTCCAG  CAGGTCCTGA  ATGTGAGTCG  CCCCTAGCTA
252001  TAAATGGCCC  ACTATGTGAT  CTCTATTTTC  CTCAGCTTAT  TGGTTCCTTG
252051  ACTGGCGGGC  TAGATCTCAA  AGAGATAAGG  CTTTCTGGGC  TCAAGTTGCT
252101  CACTGCAGTC  ACATGACTTG  TCTGAAACCA  GAGTTCTCAC  CGTCCACGGT
252151  GGACTTGTTG  TTGTTGTTGT  TGTTTTGTTT  TGATTTATAT  TGGTCACTCA
252201  TTGCAAGCCA  GAGTTATCTG  GGAAGGGAAA  CCCAGATTAA  GAAAATGCCT
252251  CCAGCCGCGC  ATGGTGGCGC  ACACCTTTAA  TCCCAGCACT  CGGGAGGCAA
252301  AGGCAGGAGG  ATTTCTGAGT  TTAAGGCCAG  CCTGGTCTAC  AAAGTGAGTT
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89

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252351  CCAGGACAGC  CAGGGCTATA  CAGAGAAACC  CTGTCTCGAG  AAACCCTGTC
252401  TCGAGAAACC  CAAAAAAAAA  AAAAAAAAA   AAAGAAGAAG  AAGAAAGAAA
252451  GAAAGAAAGA  AAGAAAGAAA  GAAAGAGAAA  ATGCCTCTAT  CAGATTAACC
252501  TGTGGGAAAG  TCCGTGGGTC  ATTTTCTTGA  TTAATGGTTG  ATGTGGGAGG
252551  GCCCAGGTGA  CTATGGGTGG  TGACACCCCT  GGGCAGGTGG  TCCTGGGCAA
252601  GCCAGTAAGC  CGGATTCCTT  TCTGACCTCT  GCTTCAGTTC  CTGCCTCTAG
252651  GTTCCTACCT  AGAGTCCCTG  CCCTGGCTTC  CCTCAGTGAT  GAAAGTATCC
252701  TGAGAACCGA  AAGGTGAAAC  GGGCCTTTCC  TCCTCACTGT  GTCTCGTCAC
252751  ACTGACGGCA  ACCTGAGAAA  ATAAGGACAT  TGTTTTACTC  TCAGCATCGT
252801  GTGTGGAGTC  AGAGGAGGCA  GGACATGTGA  GGACACTGAG  AACCATGGGA
252851  ACTGGGCCTT  GTCATTGACC  CCATGAGACT  GAAGACTCGC  TTTCCTGCAG
252901  CCTCCCTTCA  CAGCGGAGGC  CACGGCTCTC  CACTCCTTCC  TTCTGTGGCT
252951  TCCTTGTATG  TCAGAGACCA  CGGTGGCCAT  TCCTTTTTAT  TTTTCTACCC
253001  AGCCCCTGTT  GTCCAATCCC  TGTGTCAACA  GAGAGTGTCC  TTTCTTCCCA
253051  GAAGTGCCTC  AGTACTTTTC  CAGGAAGCTG  CGTGTTCCCT  CCAAGCCGAA
253101  GCTGAGCAAT  GCCTGGCGTG  GTCATTTGTT  TTCAGAGTCG  CTGGCTTGTC
253151  ACTAGAGTCA  GCTAGAAAGT  GCGAGGTGCC  TGCTCAGGCC  AAGGCCAGCA
253201  CTGCTTTCCC  CAGACTCACT  GAGTGTGCGC  AGCCTCGATA  CAGCAGGCCC
253251  TACGCTAGTC  AGAAAGAATT  GGAAAATGGG  TGAGGCCGGT  TACTTGTTGG
253301  TAATTTGAGA  CAGAAAGAAC  TGATTGGCTT  GGGAAATTAT  AGAAAATGAC
253351  TAAGGCACAC  AGCCAAAATT  AAAATATCAA  GTACACATTT  TACTTTAAAA
253401  AAAAAAGGTT  TTAAACTTTA  AAGTATACCA  CCAGTTCCTA  GGGATAAGGA
253451  TGGAGGTCGG  TGGGAGGGAG  GAGGGAGACT  GAGAGGCCAG  CCTGAGCTGG
253501  TCAGAGGAGC  TCCGTGGATT  ACCTCGTGTC  CTTGCTAGCT  CCCAGCTGGA
253551  AAACAGCATT  GGATTGCCCA  CATTATGTCA  GATGCCTCGG  TGAACTTGGC
253601  TAAAACTCTG  TATCTTCAGC  ATTCTAGACA  GGAAGGAATT  TTGTAGGAGA
253651  GATGTTTATA  GAAAATAATA  CTGTAGAAAG  ACAAAGCCAA  GATAGTCCAA
253701  GTTATTATAT  TGTCGTTGTC  GTCGTCGTTG  TTGTTGTTAT  TGTTATCTCT
253751  TTCACAAATC  CCGTGTGGGG  CTTTCTAAGT  AGAGATCTTA  CAGTAAATAA
253801  AAGTAGTCGG  AACTGTTTGG  AAGGAACACC  CTGAGCCTGA  GCCTGCGCCG
253851  CTTCCTGTCT  CCCCCACCGC  TCTGTGGCTC  TGCCCTCTAC  TGGAGTTTTC
253901  TTTGAAGAGT  CATAAGCAGC  TGGAGATGGA  TGCTGCCCGA  GCGAAGGATG
253951  TTGTGGAAGC  TGACCCAAGG  CCACAGAGTT  GTAGCCCATT  TGAGGAACAC
254001  TTTACGACTG  CGGCTCCTGT  AGAGCTCCTC  TGGTTAGACA  GTGCGCAGGA
254051  TCCCTCCCAG  GAACCAATGG  CACTCCTGTC  TCCTCCTCAT  CTCCCAGAAG
254101  CAAAGAGGTC  AGCTCGAAGT  ACAGCTCCGC  CAGGCGTGGC  CTAAATACTG
254151  TGTGGGGGTT  CACTTTGGCT  CATCTGGAAT  TTCATGCTAC  CATATCCTGA
254201  CTTCGAGTCT  CTGCTTCTTG  GAAATAGTGA  GGGCTTCACC  CATTCTTTTT
254251  CTAGTTATTC  AGAAAAATGA  AATCTGTGGT  TTAGTTCACC  AACTGTCTTT
254301  TAGTCAAGAG  ATACTTGTGC  CAGAAAAAAA  TCAAAGTACT  TGAAGTTTGA
254351  AAAAGCAATG  TGGTTTGTCA  GGCTTAGTCA  CTATCTTTAA  CTTTACCCTG
254401  ACCATATTGG  CTCTTAGGTT  CCAAATTTTG  GCTAGAAGTG  AATTTCTTAT
254451  GATAAGAATG  ATATCCTGAA  TGGAAGAGG   TCAATTAACA  GTAATTATTA
254501  TCAGCAGCTC  CTCAAATAAA  AAGCATTGAA  TACATTCTAT  GTACATTCAT
254551  GCACACACCC  TCACTAGTCC  TACAAATAAC  TGATCATAGC  TTTCCTCTTC
254601  CGCCACTTCC  TCCTCCTCCT  CCTCCAGCTACC  ATAGGAACTT  TTTGGAGAGG
254651  TCTTTATTCA  ACATGGGGAT  CCCAGCTACC  ATTTTCGTCG  TTATGGAAAC
254701  ACTTATAAAA  TACAATGCTT  ATATGAATAG  TGTGGCCCCA  CTATTGGGAA
254751  TAATATGGAA  ATCCTCCGAA  AGATGTCTGC  ATTCACAGTG  TCATTCTGAA
254801  ATGAAATAGG  TGGGTTGAGC  CTTTAGAGAC  TGTCAGATGA  ATGGATAAAG
254851  TAGCCAAGAG  ATGAAACTGA  CACACATTGT  AAGCCAGGCA  CAGAAAGATG
254901  GATGCACATA  CACACATTGT  TAAGAGATGT  AAGCCAGGCA  CAGAAAGATG
254951  ACTGTCTCAT  GATTCCGCTA  ATATGTGAAA  TAGAGATCAT  AGAAGCCAGA
255001  GTAGAATGGT  GGATACTGGG  GGCCAGGAAG  AGGGCTATGC  TGGGAAGATA
255051  CTGGTCCAAC  GATACAAAGT  TTCTGAGAGA  CAAGAGGACA  CAGCATGGTG
255101  TTTAATAGTT  AACAATGCAA  CATTTATTTT  AAAACTTCAG  AGAACAGACT
255151  TCAAATGTTA  ACACCACAAA  ACTATAAGTA  TGTGAGGTGA  TATTCAATGA
255201  ATACATTTAT  TAGACTATAG  TATTTTCTTG  TAATTCTATT  GTTATTTTAT
255251  ATTAATAATA  AAAATTAATA  TTATGTTATT  TCAAAATAGA  AAGAGAGAGG
255301  AAAGTAATGC  TGGTAGTTTT  TTCTGTCTCA  AGGCTAACTT  CAGAAACAAA
255351  TGAGACTTTC  ACTCAGACTG  GTTGAATTTC  TTCACTTATC  TTTGTTTCTC
255401  TGCGTTAATT  TGTAATAGTT  TGAGATTCTG  ATAAGAAGTT  TAATTTTAGA
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90

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255451  TTAGAAATAC  TCATGAGAAT  CCTAAGATGC  TGCTAACCAC  ATGTAAGTTG
255501  GCACAGTTTT  TCAAAACATT  TCTCACTCTA  TGCTTCCCTG  GAAAAGCTTA
255551  GAGAATAGTT  CCTATTTGAA  GAACGGACTG  CCGGAGGGGT  AGCCTGGTGT
255601  CACAGTGAAA  GACTCAAGGG  GGGTAGCCTG  GTGTCACTCA  AGATAAAATA
255651  CAGAATTCAG  GGACCTGGGC  CTTAGAAATC  ATGGGGAGAA  AAGGAAAGAG
255701  AAACTTGCAG  AAAGGAGGCG  AGAGGATGCT  GGAGGCTCCT  CCCTATTTCA
255751  TACCATGGCC  TTGGCTGGAC  CTCTCTATGG  GAAGGATTCA  CATCTCACTG
255801  CTTTCTGTGT  TAAATCATTT  ACACCGAGA   ATTCCAGCTA  ACACCTGCAA
255851  TGACTAGTTT  GAAGAGTTAA  ATAGTAGAAA  TGAGTTAAGT  AGTAAAAAGT
255901  TGCCCACCAT  TGATATTGTC  TCTTAGGGGA  GTTTAAAGTT  ACACACTAGC
255951  AATTTTTACA  ATGTCCACTA  AGAATTCCAA  GGTTAGTAGT  TGTAGCAATT
256001  GCTGTTTTAG  TGACTCCAGT  AGCAATATTT  TCTATAAAAC  GGTTAGAAGT
256051  TAATATATGT  GAGATGCCTA  TCCAGTTATG  GGGCAGTGTT  GTTTAAGTCA
256101  TTAAAGCGGA  TGCTTCATTA  TTAGGTATCT  AGGTTTCTGC  TCCTTGCCTA
256151  TAAACCCAGA  AGGGTGGGTC  TTGTTCCGTG  CCATTGTCTG  TGGTGCCTAG
256201  AATATAGCAC  ACTCAGGAGA  CGAATATTTA  TTACATGCAT  GAACAAATGA
256251  ATGAGTTCTG  TTTATGGTTG  AAGGTCTGGA  AGGCTGCACC  TGTGGGCGCA
256301  TCTGAGCAGT  TTTACCCAAG  CCTGAGTTTT  TCTTCCCGAA  GCCCGCACTC
256351  ATCTGTATGT  TTGACTCTGT  GTGCAGTGCG  AAGGTCATTC  TGCGCTTTTA
256401  CATAGAGAGA  AGACGCGCCC  TACGTTGGCA  TTTTGTCGTC  GTTTATTTCC
256451  CTCATGTTCA  ACAGTCACAT  TTCATCCCGG  ACACCAGCCA  GAGGCTTCTC
256501  ATTCAGCTTC  TTTGAAGGGC  AGCAACACTC  CGCAGCCACT  AGCTAGCATG
256551  CCTCTCCAAT  TGCTTTCCAA  CTCCCAGTGC  TCATCCCTCT  GCCCAGAACA
256601  CACCAGCTCC  GCTTGTCCTT  GAGCTAAGAC  AGAACGGTTT  CTTCTCACCT
256651  TCCCCTGCCG  CGGTCAGCCT  GCTCCTTCTT  TTCCCTTCCC  TTCTATGTTT
256701  CTCTTTCTGG  TTTGTTTGTT  TGTTTGTTTT  GTTTGTTTGT  CTAAAGCAGC
256751  CTATATATTT  CTAGTTCAGT  ACGATCAGTT  CTTAGAAAAC  CGATTTCCCA
256801  AGCTTGCATA  GAAAACCAAA  AGCTATGCTC  AAGCGTGGAC  TCGAGTCTAA
256851  TCATTGAGCA  GCTTCCTGTG  GGATAGCTAC  AATCAGAGCA  ATGATTTAAA
256901  CCTGACCTCT  AGCTGGAAAT  AGGTGCGAGA  TGCCTCACTG  CTGTGAAACA
256951  AATCCTAGTA  CGATCTTAGT  GGGGACAGGC  GTTCCTAACC  CTTGGCCACA
257001  TCCCAGGACA  GGTCCTACTT  CAAGAATTTT  CTGTGTAGAT  GAGGGGTAAA
257051  GTGGAAAAG   CAGCCACATC  TCTGGGTCCA  GTGTATGTGA  TCACAGCAGT
257101  TCTAGTCTAC  TTAATAGATG  GGGGCGGGGG  GAGATTTTTC  TTTGCTTTGC
257151  TTTCTAGGAC  TTTTGTCGCC  AAAGAATTAA  AGAATTATAC  CTTAAAAACT
257201  CTTATTGAAA  GCTAAGCCAA  GCCACTGGGA  GGATTTGATT  GTTTGTTTGG
257251  TTTGGTTTGG  TTGTCTTTGT  TTCGTTTGCT  CTCTTTTTCT  GTCATAGTAA
257301  AGTTTCTGTA  AGTAGTATTC  TTTTGCAGGG  CATAAACAGA  ATTGTGGCTT
257351  TTGTTTTTGT  TTTTTCGAGA  CTGTTTCTCT  ATATAACCCT  GGCTGTCCTG
257401  GTACTCACTT  TGTAGATCAG  GCTGGTCTTG  AGCTCAGAAA  TCCGCCTGCC
257451  TCTGCCTCCC  AAGTGCTGGG  ATTAAAGGCG  TGCACCACCA  CGCCCGGCCT
257501  AGATTTGTGT  TCTTGGGCAG  CATCGTCTGT  GTCAAACTAC  TGCGTACACA
257551  ATTCATGTCT  TTACTTTCAG  ATCAGTAAAA  TCACTTTCCT  TGTCAAGGTT
257601  ATCTTCATTT  GTTTGTTTGT  CTTTATCAGA  TGTCCTTATT  TCCTAAGGCC
257651  TGGGACAAGA  GGGTCTCTTT  CAGGGTCCTA  CTCTTCAGAT  TTATGGTTCC
257701  TGTGGTTTCT  GCTCTATTAG  AGCCTCGCCC  CTCACAAATC  TCTTTTGTAG
257751  ACTTGGCCAC  ATCTCACAGA  GCTCACACTC  AGACCTGAGA  TCACCTGATA
257801  TCTCCCTGTG  CTACTTTACC  CTGGCTGCTT  CCACCCGGTG  AGCCCTCCAC
257851  GTACATAGAA  GCATCAGGAA  TCAGGAGAGG  CGTAGTGGCT  GCTGTTGGAA
257901  CATCTGGCAT  CTGACTCTGA  GTTATAAAGG  AAATGACTTT  AGAAGGAACA
257951  TCTTGATGAG  GGAAGATGAT  GAGGCCCCAA  AGGCCCGGCC  CTTGGCAGAG
258001  CTGCTCTGTT  TGAGTCAAGG  GGAAACAGCT  ATCGGTTGTT  CAGAGAGTGA
258051  GGGGAACTCG  TGCTTTAATA  ATAGGGAAGG  GAGGAGGTGG  GACAGAGAGA
258101  GCATCCCTGG  ACAGGAAGAG  CCATGACACA  GCTGAACGCA  GAGGTCTCCA
258151  AGTGTCTCTG  AAGTGTCCTG  TGCTGGTACA  CGCTGCCATG  GAGAAACTCG
258201  TGGGTGGGGT  AAATTTAAAA  ACTGTGTGTG  TTAGCAACTT  GATTGGTAAG
258251  GTACAAGGGA  CAGATGATAT  TCATGTTGTA  ACCATTCTGG  CAGGAGCAAA
258301  AAGATGCCAA  AAGAAACATT  AGTACCCCTC  CCTCCCTTCA  GCTATCAGAG
258351  TATGGGACA   AATGTCCCCC  AAGGAATTAG  AGCCCCACCC  TGGGAATCTC
258401  TTGCTGGATG  GGGAAAGGGC  TGAGCTCTTG  GTGGCAGCCA  GGAAGTGACT
258451  GCATGTACCT  TAGACAGCGT  GACCCGTGTA  AAGCAGGCCA  GGAGTTAGTG
258501  GTTGACAGAA  TCATACCTTA  ACCAACGATG  CTTAGCAGCT  AGGAAGCTGT
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91

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258551    TGAGTCAGGC  CGCTGAGCTG  TTGGTCTCGT  GGCTCGCCTG  GCCGTGGGCA
258601    TTCCCCACCC  TATCTGGAAA  AGGCACGCTT  TGTGACAAGC  TGCAAGAGAC
258651    ATGCAAAGGG  TACAAAGAAA  GGTATTTGAC  TATACCAGGG  GTAGATGTGT
258701    CTTTGTCATG  CCCCTTGGTC  TTCCTGAGAA  GGTGAGAGAC  AACATGACTC
258751    AGCCGTTTCT  CAAAGGGAAC  TTTTGTTTGC  TGAGACTTGC  CAAGCAAAGA
258801    TTCCGTCATC  CCTATTGCAC  ACATCCTTTC  CCAGACCCTT  TAGCACCAGG
258851    ACTGACCACC  TCCTTCTGGT  AGGAGTGGGC  GCTTCAGGGA  ATGGTGATGG
258901    TATCACAGGC  CTGTTTAGCC  ACAGCCTTTG  TTCCGTGTCC  TGAGGGCTTC
258951    TGAGAGAGAA  CTCTTGAAGC  TTTCAACAGC  CAGCCTCTTT  TCCTGTTAGA
259001    AAGGTTCCTG  GGGGAGGCAC  GGAGATAGCA  AGTCTGGTGT  CAGTCTGGAA
259051    CTCTCCTGCA  TTAGCACTTA  AGGGAGAGAG  AGGCTGAGGT  GTCGAAGCTG
259101    TATCGGTTAG  CTGCAAGTAC  TGGTTTTTAT  TTTACAGATA  CCATGGCGTT
259151    CCTCAGATCC  TTCGATGGTC  ATTGTTGAGA  TTGATCACTT  GTGGAGGTTG
259201    ATCCGAGCAT  TAAGTTCCGA  GGAGAGGCTC  GAGTTATGCC  CTCCTTGCAC
259251    ACACAGGTGC  ACAGACAAGA  TCATTTTGTC  TTGTCCTCTT  CCTCACATGC
259301    AGACTACAGT  ACCCGGCCAT  CGCTGCAGTT  CAGAGAAATG  GAGGTTGCCT
259351    CCGTGGGACA  CGAATAGAGG  AAACTCCTTG  AGGTCCATCC  CACAAGAATC
259401    TCTTGCGTGC  CTTCTCCCTT  TCATGTTCTT  CCTGTGGACT  GGCTGGGCTG
259451    GAGGCAACGG  CACTCAGGAC  CACTCTGACA  GTTGGCAGTC  TCCATCAGCA
259501    GGGGTATCTG  GTTACCTGCA  GGAGGCCCTG  TGTTCCAGCC  TGCCTACCTA
259551    CATAGAACTA  ACTGCTCAAG  AGTAAGGAAA  GAGATATGTT  CCATGTGCAG
259601    CATGTGCCTT  GGCAAGAACA  GTTCTCTTTA  AGAGTCATTC  CACACTTCTT
259651    TTAGCTAAAT  ATCTAAAATC  ATCCAAAAAG  CCCCCACGTA  CCCCATCTTG
259701    CCAATAAATA  GTAAGTCTTC  ATTAAGGAGC  TCTGTCTCCC  TGGCATTCTG
259751    AGAAGCAGAA  GCCCCAAATT  ACTTCCAGCT  GAAATGGAAA  ACAAGCAGAG
259801    CAAAACAGAA  ACGCATCTGT  GTCGGGCAGA  GTAGGCCTCG  CCTTAAAGAT
259851    GTCTGTCCCT  TAATCAGCAG  AGCCGTTAAA  CCCATACCGT  ATTAGCATAA
259901    CACGCAGATA  TAGTTGAGGG  CATTGCTGTT  GCTATGGAAG  ATTGTCCCGG
259951    GTCATCCGGA  TGTACTCGAA  CGCATCACAA  GGAAAAGCCG  GAGAGGGAAG
260001    CAGAAGGCGA  GTCACAGAGA  TGTGATAGGA  AAATTCAACT  CGGTATCGCC
260051    CACTTGGAAG  GGGCCCTGAA  CCCAGGGACA  CAGGCAGTCT  CCAGAGGCCA
260101    GAAAAGAACA  AGCCCAGGGA  ATCTCCATAG  AGCCTAAAAG  GAACACCATC
260151    AGCTGATGAC  TTAGCTGACT  CAGCGAGTCT  CATGTCAGGT  TTTTGACCCA
260201    CAGGACTGTC  AAATAATAAA  ATCGTATTCT  TTGGGGCTGT  CTGTGGCTGA
260251    TAGTTATGGC  AGCAATAGAA  AATGGTATTC  CACTCACATA  AGATACTTTT
260301    AAAAAAATGT  TTGAAGTTTA  TCTGTGATGC  GGAGATGTTT  GAAGTTTATC
260351    TGTGATGTAG  AGACAACAGC  AAGCCTTACT  GGTTGATTCC  AGATATCTGG
260401    AGGTCGGAAT  CACACTGCCA  GGCCCATCTC  AGAGCTTTAA  GTCCCCCCCT
260451    CAGCGCTCTG  GCATGTGCAC  ACAGATGATG  TGAGTTCCAG  AGGAACTAAA
260501    GCATCCCCCA  CGTCTCTGGA  GGACAACGCT  GTTTAGCCCT  GGGTGGCCAC
260551    CTCATCAGGA  CTAGCCACTA  ATACTGTGGT  CAGGCCCTTG  GGCAAGCAGC
260601    ACAGTTAAGA  TTTCGTTTCC  TTCTAAATCC  TCCTCCTCCT  CTACTGTTGA
260651    AATGTGGCTA  GCTGCTTCAT  CTCGCAATTA  GAGTGTCATT  CCTCTAATTC
260701    ACACCAAACA  AAACAGTTGG  AAAATATAAC  CGCATGGCCC  AGTCAGGGGA
260751    AGGAGGAGAT  GGGAGAGATC  CAACAGTTAG  GAACCCACTG  GGCTGAAGGA
260801    GAGGGCCCTA  GGCGCAGCTC  TCCCCCAGCT  TGCCCATGGG  GTGTGCTTGG
260851    TCTTTCCTTA  TCACAGGATG  CTCTCTGTGT  GCTGTATGGT  GGTGGTAAGC
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260951    CATAGGTTAT  TTATGAGTGG  AGAGCCAGAT  GTCTCTGAGT  ATTCACTATT
261001    CTCAGAGTAA  ATTAATAGCA  TTTTCCTTGC  TGTGGTTATA  GTACAATTGG
261051    AAAGATCAAA  TGCGCATGTC  TTTCTATAAT  TGTTGACGTT  TCTTCCCTTC
261101    TTGCGCACAG  GAATCCTAGA  GTAGAGATCA  GCCTTATGCT  GAGTCAGGCA
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261201    ACTGTAACAA  GAAATAAAGT  ATAATAATCA  CTATAGAAAT  TACTCCAAAG
261251    GGAGCATATA  TATTGTTACT  TATTTTTACT  TAAGGTCACT  TATTTATTGG
261301    ACTTTACCTT  ATTTCATAAT  CATTTTTTGT  TGTTGTTTCT  GATTTCTTTA
261351    GCTACTTCTC  AGAGCCTGTT  ACTTGAACAT  TTCTCCCACC  CAGTTTATTG
261401    AGTCAGTGGG  AAAAAAAAAG  ATAGGACTTT  ATATAAAAAT  AAATATGTAA
261451    ATAGAAACAA  AGCAAAAACT  AGCTAATGTA  AAAAAAAAAA  AAAAGCACAG
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261551    TAACTTGTAC  CCCAGGGGCC  ACAGCCTGCT  TCCTGGCCAT  GAAACTGTGT
261601    AGTGAGTGCC  TTGGTGATAC  GTCTGTCAGA  GGGAAAGTGG  GGCATGGATC
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92

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261651  ATGACGTCAG  CGCTGCATCA  CAGATCTTGC  AGAGACAGTC  AGGGCAAAGC
261701  ACAGCAGGTC  CCATAGGGAT  GTATGACACC  ACAGCCTGCT  AAGGAAAGAG
261751  CAATTCGTAA  GTGACTTTCC  TTTAATGTTG  GCTGTGGCAA  CTGCTGGTCA
261801  TGAGCTGACT  AGGTCAATGG  AATTTTCCTG  CTTAAAGAAG  TTTCCTAGTA
261851  CACATTTTTT  TATTTCCAGG  GGCTGAATAT  GTCAGTTCCC  AGCAGACAGG
261901  TGTAGCTTGC  CTTTGTAGAG  ACAAACAGCA  GACTTCCATG  TGGTCACTGT
261951  GTGTTCCAAG  TATCTGCTGC  TCAGCAAGCG  AGTTGCTTTT  CTCCTCTCTG
262001  CCTCTCTGGA  GTGTAATGCT  CTTCACAAAT  GTCTGCTCTA  GATGCTTCTG
262051  AAAGGATGCT  TTAAAAATAG  GCACCTCCTG  GCCTTTTAAA  TTTGGTATCG
262101  AAACAGTAAG  AGAAAACATG  ACACACTTCA  CAAACGGAAA  TAGGCTGAAA
262151  TTTGTATGTG  GAATAAATTT  TCCATGACAT  GATTTGATAA  AATAAGTATT
262201  GATAACCTTA  CTCAGTATCG  TGTTAAATCT  AAAACAAAAC  AATAAAAACT
262251  TACCTGTAGT  ATTTATAAAA  CTCATCCCTG  CCCCTACCAA  AAGAATAAAA
262301  AAGTCTGGTG  GCTCCAGAAA  ACATGGCAGC  TGCCTTAAAA  GTAACCATGC
262351  CACATTTTGT  TATGACCCAG  GGCTTCCCAG  TTCTGGCCCG  CTCCTCTCTT
262401  GAGCGACTTT  GCAGGTGGGA  TTAAAACAGA  CAGAAGGACC  TGTGGCTTCC
262451  CCTAAACCTA  CTAGCGTACC  TCGCCATAGA  AGAGTTTGAA  ATACTTGAGG
262501  AAGGACTTTG  CTTCTGTGGA  ATGAGAGAGT  GTTCATGCCT  AAAATACTCA
262551  ACCTGTTTTG  GAAAGAAGTG  CATACCCAGC  TGAGGATGTA  GCGGCCATTT
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262651  CTGTGATCGG  TCACAGACCT  GATGTATGGA  TCAGCTTTGT  GCGATGCTAA
262701  TGAGGGCACC  AAATCACAGA  AGGGCGCTGT  CTGGTCTGGG  TGTGGACAGG
262751  TGGCCCAGCA  GTGAAGGGCA  CTTGCTGCCT  TTTCCAGCAC  CCACTTCCAG
262801  GGCGCCCATA  ACTGCTGATA  AACTGAGCTG  CAGGGGATCC  GACTCCCTCT
262851  TTCAGTCTCT  GTAGGCATCG  GCACACATAC  ACACAAATAA  AAATAACAAA
262901  GATAAATCTT  TAAAAATCGC  GACTTCACAG  CTTTACGGGT  TCAAGTTCGA
262951  ATGGAATAAG  AGCTGCTCTC  CTGCCCCCAG  CTGACATTCA  CGGCACAGGA
263001  AGAATAGCAA  TAATAGGCAT  GCGTACTAGG  ACCAAGAGGT  TACACCTCTA
263051  GCCACAAGGA  GAGAAGGCAC  TGGGTGGGCC  AAAGCTCTGT  CCCTTGAACT
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263151  TAGAGAGGGA  ACAGGGACAC  TCCGATTGGA  TGTGGTGCTT  ATCTGCAACG
263201  GAAGAGGTGT  GGGTACCTGC  TCCACTGCAG  CCGGGTCAGA  GCACTCATGG
263251  CTTTACTCCA  CCCCCCCCAC  CCCCCCACCC  CCAGATTCCT  TAAGATGCTG
263301  GATCATGAAA  CAAGGAACCA  AGGTTATGAT  GCAAGACACA  TGTGGTACGT
263351  CTACTACACG  CTAGGCACTG  TTCTAGGTGC  TAAAGGACCT  CTATACATGT
263401  GATCTAAACA  CAGGGTAGAA  ACCAAGGCTA  TGGTAAAGAC  CACCAGAGTG
263451  CTGGCACCGA  GATGCTGCTC  CAGCAGGTCA  GACACGGCTT  CTTAGAGGAA
263501  GTAGCATTTA  AGCTGAGACT  AAAAAGTCAC  ACTAAAAACA  AATAAAGAAG
263551  AATTGGCACA  TTTGTCAGAT  ACAAGTGTTT  ATTGTATGGC  CGTTATGTGA
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263701  GTGTGTGTGT  GTGTGTGTGT  GCTCGTGGTG  ATGATGACAC  AGGAATTATG
263751  AGATAGTACG  TTATGTAATA  TGTTCAGAGG  AATGTAAAGT  GTCATGTAAA
263801  GAAAGAGAAA  GTGTATAGCA  GGAGTGTGGT  TTCAGTTAGA  GGGGTGTCAG
263851  ATAACCTCTG  AGCAGACACT  TGGAGGAGTT  ACCTGTATGC  ATCAGCTGTG
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263951  TAAAGAACAA  GAATGTGACC  CGTGTTTAGA  CAAGAAGCCA  AAAACATCAC
264001  TGAAGGTCAG  ATCTCCTGGG  TCTCATAAGC  CACTGGGAGC  ATTCTGTATT
264051  TTCTCTCTAA  ATACAATGAG  TATGTGTTGG  GGGAACTCCT  ATGGGGTTCT
264101  GAGGCAAGGG  GTGACATGAT  GCAGCTTGAG  TATTAATAGG  CTCACTGGGC
264151  TGCCCTGTGG  AGAGCAGCTG  TCAGGGACTC  GAGTCAAAGA  CGGAGCGACC
264201  CAGGTGTGAG  ATGAGCGAGG  CGCTGAGAAG  AAATGGCCTC  TCCCTGTGTA
264251  CTCTCCACAG  CCCACGCTCT  GCCTTCACTT  CCCTCAGCCC  TATGTCTTTC
264301  ACGCAGCCTT  TATTTTTCCA  GCATTGTTCT  AGGGACAACT  CAGGCACCAT
264351  ACTCCAGTGT  CCATGATACC  CTGCCTTATC  AACCACAACT  GCCGTGCTCT
264401  CTATGACAGT  TGATGGGCTG  GCTGATAATG  ATGGGAGAGA  AGCCAGGAAG
264451  CATGGCACTG  TGGGAAATAC  AGCCTGTGCA  ATGAACGGAG  CAATAAACGT
264501  CTCTGGTAAA  AATATCTATG  TCTGTGTTCT  TATTATAGAG  GATAAATTAG
264551  CAGAGCCAAC  CCAGATTTGA  TGTTGGTTGC  GGAAATGTCT  GAGGTTCTGA
264601  GGTCTCTGAA  ATCTTACCTT  AGGCTGCTAC  TCTCTGCATC  TCTGATAATG
264651  ACACAGCAGA  GAGCTACACA  CTGTTCTCAA  ATGGAATAGA  GTTTCCCCAG
264701  CAAAAGTGTT  AGTCACCACA  CAGTTTCAAT  ATTATGTTGA  AATACAAAGA
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93

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264751   AAAGGAAGGA   AGGAAGGAAG   GAAGGAAGGA   AGGAAGGAAG   GAAGGAAGGA
264801   AGGAAAGAAG   GAAAGGGAAA   GAGAATGCTT   GGGGCTTGGA   GAGAGGACTC
264851   AGGGCTTAGC   CCTTGTATCT   ATTGCCAAGG   ACTGGTGTTC   AATTCTCAGC
264901   ACTCCTTTGG   TGGCTCACAA   CCACCCATAG   CTCCAGTTCC   AGGGAATCCC
264951   ATGCCCTCTT   CTGAACGCCA   CAGGTACCAT   GTGTCTGTGA   AATTTTATAT
265001   GTATGTATGT   ATGTATGTAT   GCATGCATGC   ATGTATGTAT   GTATTCATAC
265051   AGGTAAAAAG   TTCATTCACA   TAAAATGAAA   AATTGTTTTA   AAACAGAAAA
265101   AATCAATTCC   TGGAGATCCA   GAGAACCATG   AGTATAAATC   ACGGTATAAC
265151   AGATAGATGG   CTTGAGAAAT   GCCTTCGGAA   AAGCAGATAT   TTACATTACA
265201   GTGATCACGC   TTGCTTTTCT   TATTTGGTGT   TGTACAGGAA   GTTATTGATT
265251   GAAACCTGTA   GGGATACTGT   TTCCCCAGTG   TTTAGAATGT   TAGAAACTTT
265301   AATGTTTCTC   TGAAATATTT   GAGTTGGAAT   CAATAAAATT   GGGTCTTTCA
265351   ACTTCAAGCT   TCACTATGAC   CCCTTTGGCA   TGAATGTGAT   ATTTTTTATC
265401   TTCTAAAAGT   ATATAGTCCT   GACCAGATAA   AATTTATGTA   GTGAAGCTTT
265451   TTGCTTTGTG   GCCGTATGGG   ATACGTGTAA   TAGCTACGGC   CTCCATTCTT
265501   CCTTCAGAGA   TGCCAGAGCA   TCATTGTAAA   TTAAGGCCCA   AGATCCAGTG
265551   GTGCAACCCT   CTGTAGCAGC   CCAGACTCCT   AAGAGCCACA   TGGTGAACAC
265601   AGCCAGAGTC   TCTGGGAGGG   TATGGGGAGG   GGGAGTCAGA   ACTGTCTAAG
265651   GATAAGGTGC   TGCCTCCTAG   CTGGGTCCCG   GTCATCAGCA   GATCCTATGC
265701   CAGGGACAGA   GAGGCCACGG   GCATTGCTTG   AGGGCCACAC   TACTGCTGCC
265751   TTTACTGTCT   TGAGCTTCTG   ATGCGTGTGC   TAGCTAGAGT   GCACTATAGG
265801   TTGTTTATTC   CTCTTCCATC   TAAGTCACTT   TCCCTAGACA   GCTCAGTCTT
265851   AGTGGTAGAA   TCAGGGCACG   ACCTGAGGAC   TTTCATAGTC   TGGGTTATCT
265901   ATCAAGAATA   CAGATAAAGG   AGTCGTTACG   TTTCCATCGG   CATGGAGACA
265951   AGTTGAGAGG   AAGGGACAAG   ATTGGCGAAT   AAGGAACGGG   GTGCATTGAG
266001   GTTGAATGCC   CACGTGCCTA   CCTGCCAATG   AAGGGCTGTG   TGTAGTTCAT
266051   TTTCACCTTC   ACTGAAAAGA   GGAAGAAAGA   TACAAAGACA   ATACCAATCC
266101   AAACATGCCA   CCCATTCTCT   ACTGAGTAAT   AAATCAGTGG   GCGAGCACTT
266151   GCCTAGCACG   CAAAAGGTCC   TGGGTTCAAT   CTTAGCCCAG   TATAGTGGTT
266201   TACACCCAAT   ACTCTGGAAA   CTGATGGAAG   AGTATTGCCA   CAAGTTCAAA
266251   GCCAGCCTGG   GTTGCATAGT   GGTTTCTTGG   CTAGCTAGGG   CTACATAATG
266301   AGATTCTATC   TGAAATCAAA   CAACATCAAT   GATTCAAAAA   AAAAAAAATC
266351   CTTGCTGTAA   TTATGTGACA   GTAGTGAGGG   CAAAGACCAC   ATCTTCTTGT
266401   GGCAGCCAAA   GATACACATC   CTATCCTATA   ACCTCCTGGG   CCAACAGTGG
266451   AATGAAAGCT   GTCCAAGCCC   CTTAAAGCAA   TGGCTGTCAG   CAAAGGGCTT
266501   TGCTTCTAGG   CTGTCCAAAT   TGCTATGTAA   CGTAAGCCTT   CTAAATTACC
266551   CTCACCCAAC   TTGCCACGAT   GCTGAACATT   GCTTTCGGGT   AAGCTTCGTA
266601   AGCCACCTCT   TGAAATAGGG   ACGCTCTGTG   CTTCTTTGAA   AGCTGGTGTG
266651   ACTAACATAG   CAGAAACACT   GCGAGAAGAG   AGGATGGGAG   CGAACCAATG
266701   TGCTTTAGAG   ATGCAGAATT   GCGAGGGGGA   CCTTCAATGA   ACACAATATT
266751   GCTGACCCAT   GAATCATGAC   AGGGCAGATT   TACTCTGCCT   TAGGATGGCA
266801   GAGAGTCCAT   AGTATGCTCG   AAGCCATACG   AAGTGTTAGG   GGTAGCCTTA
266851   TACAGTAATG   GGCCTAAATT   GGCCATCCTC   ACCCAATCCA   ATGGCTGCCT
266901   TTGTGTCCTG   CCCAACTCCT   GAACTGTGTT   GTGAAGGTTT   GTTAAGCAAG
266951   GAACAGCTGT   GCGGGGTTCA   GAATAAAGAC   AGTCTGAGAC   CATACCTCAA
267001   AGGGATAATG   TCGAACTTTG   TTGTCTCCAA   CTAGAATATT   TTTCTAAGTG
267051   ACTACGTGCT   ATATGGTTTT   GAATTTTTGG   CTCCATTTTT   TTCTTTCTTT
267101   TCTTTTTTAT   TTTATTTTTC   TCAGTGCTAG   GAGTAGAATC   CAAGGCCAGT
267151   AGACCTGCAG   TGAACTGATG   GGCCAGAGCT   GGGGGGTTGG   GAGAAGGGTG
267201   ATACCTAGAC   GGGGACTCCC   CCTTCTCAGA   GGAGAAGGGG   AGGGAGGTAT
267251   AGAGAGGGGG   AGTTTTGCAT   GAGGGGGTTC   CAGGAGGATA   GGGGGAGATG
267301   ATATTGGGAT   GTAAAGTGAA   TAAATAAATA   GTCCAAGGCC   AAGAATAGAG
267351   TCCAATTCTG   CCTTCTAGGC   ACTGAGTTAA   AGCCCCAGCC   CAGTGAACAA
267401   GGGCTCCTCT   GTTACTGATG   CCAGAATAAA   GATGCCAGTG   GCTCTCTTCT
267451   TTGACCTCCC   ATCTGCTGAC   ATAGTTTTAA   GGAAGCCCTA   GATTCATAAG
267501   CCTGTTCCAT   AGACTTTTAT   TTAGAGAGAC   AATCCTGGTT   CGACTTAAGA
267551   TTTCTGGACT   TTCTGATGGT   GCAAATGCA   ATACCTGTTG   AGTAGAGACT
267601   GTTCATATTT   TGAACTCAGC   TCTTTCCCTG   GTCCAGCGAT   ATTGTTCAAA
267651   TGGTCTCTGG   CAGTTTCTGG   CGATGGCAGC   AGCAAGCGCA   GCTCACAGCT
267701   AGCCACAGTC   ACAGGAGGAA   ACTGACTGAC   CCTCTGTGAG   TAGCAGGTTG
267751   CTGAGCTGGC   ACGTTCCGTG   TGTTAGTGCT   ATTCAGTGCC   TTCTTTGCTG
267801   ACAGTGGCTT   TAAGTTAGGA   TGTATTTATC   AGGATATAGC   TCCAGTAATG
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94

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267851   CAGGCCCATA  TGTAAATCAA  TAAATGTAGC  TTATGGAGTG  ATGAGGCAAA
267901   GTTTAGTTGT  TAGTAGGCTG  CCTTTGCCTA  CAGCTGTAGT  TATATCGAGG
267951   TGTGGCTGCC  TCTGATCCCA  GATACCTTCC  AGACCCACGG  TGCCTTGCAA
268001   ACCTTACTCT  GGGCTTCTAG  CCCGGGGAGA  GGAGAAGGCT  GACTTAGGGA
268051   AGGAAGAAAA  GTAATGGGAT  TCAAAATAAA  AGACATTTCC  TTGCTACTTT
268101   TGTTGTTAAT  CCATGCAGCC  AAGGTTGGAG  TGGTTTAGAG  GGGCTGGGTA
268151   GTGCAGCTGG  ACAACCTCCA  GCCTTACAGC  CGGTCCCCCA  GAGGGTGGAG
268201   CACCGTCTTA  GTTTTTACAG  TACTGTGTGG  CCTGAGGCTA  GTTTCCTGAC
268251   ACCTTAGACC  CTCAGATTTT  TTTTTTTCAC  CCAAGAGGCA  AGCATAAAAT
268301   GACACACACC  GAGGACTGCC  ATAAGATTCA  GCAAAGGAGG  AGGCATGGGA
268351   GCCACCTGGG  GAGTTTAGCA  GTTTCCTACT  GAGCTAGACA  TAGCTTATAC
268401   TTTGTGACCC  CAAGTGCTCC  CTACCCTTTA  CTCAAATGCT  AAAAGCATAT
268451   GGCCACACAA  ACACTGACAC  GAGAATGCCT  ATAGTAGCTT  TATTCACAGT
268501   TGCCGAGACT  TGGAAGCAGC  TGAGACACTT  CAGTAACTGC  GTGGAAGAAA
268551   CCATTGTACG  TCTATATTAT  GGTAGACTGT  TTATTCGGCA  ATAACAGAAA
268601   CGAGCTGGCA  ATCCATGAAA  GGACATGGAG  GATATTGATG  AAAGCACATG
268651   ATTGGTACAA  GAAGCCAGCC  TGAAAGGGCT  ACCTGCGGTG  ACCCCCAACT
268701   GATCGACTCT  TGAGCTGACT  CTTCATTGCT  GTGACGATAC  CAGAAAGCAG
268751   GGTGAAAGTT  CAGGGAAGCG  GGTTCCCTGG  ATCCCAACTT  CCCATGGTTG
268801   GTTGTCACCA  TTGCTTTGAG  TCTAAGGCAA  GGCTGAAGCA  TTGTGGTGGG
268851   CGGTGTGAGC  GTGGGGCAGA  GGTTGCTTAC  TTCATGGTAT  CTAGGAAGGG
268901   ACAGACACAT  CCTTATTTCC  TCCCGTCAGT  GCACTGAGCC  ATGAAGTCAG
268951   AGCTCAGAGA  ACCCAATCAC  TTCCCCCGAA  CTCCCTATTT  CTGATCTCTG
269001   CTATGTGAAG  TGAACAGTGA  GATGCTCAAC  ATGTGAGCCC  CCTGGAGGCT
269051   CACCCTTACA  TGCAGACAGA  ACTGTGGCAT  TCTGGGAAAA  GCAAACAAT
269101   AGAAATAATT  AAAAGGCTAA  CGTTTGCCCA  GTGTTCAGGA  AGGGGGATAG
269151   AGGGTGCCTA  GGTGAAACCC  TGGATATGTA  GAGCAGAGAA  GCCATTCCGT
269201   GTGACACTGT  AATAGATCCA  GGGCACTGTT  TGTGTCCGAA  CCTACATTGC
269251   ACAGCACAGA  GAACATGCCT  TTACATGATC  TGCGGATCTT  AATAAACAAG
269301   CCTGCTTTCT  GAAAGATTAA  ATAGGCTAAG  CATAGATAGG  ACAGACCTAA
269351   CTCCCTAGCA  CACAGTGGTG  GTGGGACCAT  CTATGAGCAT  AGTTTCTATT
269401   TGTGTTACCA  AAAATGGCAC  CACTGCACAA  TGAGAGATAA  CCACCCTTTA
269451   CGGCCAGAGA  TGGGCTCAAA  GGGGCGTAAT  GTTCTCTCAC  TGGCCAAGTT
269501   AATGATAATC  TGTGGCCCAA  ACCAAGGAAA  GCAAACTAGC  TTGTGCAGGA
269551   ATTTTGGATT  TGTAGACACT  GTGATTTGTA  GCTGGTGTGA  AGTCTGGGTC
269601   TGGACTTGGT  TAGTCACCGT  GCACTTGCAA  AAGACTGCAT  CTTGAGTTGA
269651   TCTTTCCCAG  ATCCAGTACT  GTTATGTAAA  AAACTCACTT  TAATCAAGAA
269701   ACGGGTCCAA  TACAGTATCC  TTATTTGTCT  GCTTGAAGTT  TCTCCTCTTT
269751   TGTTTTAGAG  GGCCTTTGTG  AATGATGCCT  GGTTTTGTTT  TGTTTTGTTT
269801   TTTGGTTTGT  GTGTGTGTGT  GTGTGTGTGT  GTGTGTGTGT  GTGTGCGTTT
269851   GTTATTGGTA  TTTTTATTTT  GGCATGCCTT  AAATTAATTT  GGGAAGAAAA
269901   GATAGGTATT  ATGAATGTGA  ATGAAATGCT  AAATTATGGG  AGAGTTCTAA
269951   AGCCTTAAAA  TGGTACACAG  AAAACCTCGC  CAGCACCTAA  TGGATGGAAA
270001   GGGTTAAATA  GTTACATAAA  AAGCAACCTA  TTTTATAACT  GCAACCCTTC
270051   TGCGCCAAAG  TTCCCTTCTC  CCTGAAAAGC  TAAGAAACTT  CCCAAAGTGA
270101   CCCCATCAAC  AAAACCTCGC  ATCTGCTGCA  GCACTGTGGA  AGGTGTCAAG
270151   AGCCTACAAT  AAGTAGACTT  TGAATTTACA  GCGCACTTAC  TATATACGTA
270201   AAGTAATGCA  AATGTTACAT  TCTCCACCTT  CTTGCTTGGT  AGCTTCTCTT
270251   AGCTCATTTC  AGAAACGGGA  TTATAAGCAA  TCAGAAGACA  CTGGGCCAGA
270301   CACTTCCTCT  TTCTTCTATG  GTATACACAC  TGTCTGTGTG  TGGATGTGTG
270351   CATGTGTGTA  GGTCAGGGGA  CACCTTAGAA  GTTGGCTCTC  TCCTAACAAC
270401   ATGGGGGTCC  TAGGTATTGA  ACTCAGATCG  CCTGGCTGGG  TGGCAGGCGC
270451   CTTTACCCAC  TAAGAACCTC  CTTTATACAT  TAGTGCCTGT  ACGTTCTCAC
270501   CCATCCACAT  CGTGCATGCC  TCTGGGAATT  CTAATGCCTG  CTTCTCTTTC
270551   TTTTCTTTCT  CTTTCTTTCT  TTCTTTCTTT  CTTTCTTTCT  TTCTTTCTTT
270601   CTTTCTTTCT  TTCTTTCTTT  CTTTCTTTCT  CTCTCTCTCT  CTCTCTCTCT
270651   TCCTTCCTTC  CTTCTCTCTC  TCCCTTCCTT  CCTTCTCTCT  CTCCCTTCCC
270701   TTCCCCTTCC  CTTCCCCTTC  CCCTTCCCCT  TCCCCCTTCC  CCTTCCCCCT
270751   ACCACCATCC  ACCAACGCAC  GCCGCAGCCA  AATACAAGCA  AAACGAAGGA
270801   AGAAACGAAA  CACAAACGAG  GAACCCGAAA  ACAGATGAAA  CTCGGAGGCA
270851   ACACGCCAAC  AATGTGAACG  CCAAGAATCA  CAATACGAAC  TCTACTAAGA
270901   AACAACCTAA  CTCAGCGAAC  AACGATCCAA  CAATACGGCA  GAAGCAATCA
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95

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270951   ATCCAAGGAA  CCACACATAA  AATGGAACGT  AACAAAGACG  GATTAATCAA
271001   CAAAAAGACA  CAAAGCGACC  CGAAAGGGTC  TCAGAACCCG  AACTACTCAA
271051   CTATGAGAAG  ATGACCAAAC  CCACCATAGA  TTTATTGCAG  ACCGACAACC
271101   AGGCGACAGA  ACCACATCGG  ATGATCAGCC  ATAACAAAAC  ACGGATGAGC
271151   TAAGTGCATA  CGGAATACCA  CGGAAACAAT  TCGCAAACGA  CGGCCTTCAG
271201   ATGACGAGGA  AAGCGGAACA  CCACTACCGA  ACCTGGCGTC  TATGAGAAAT
271251   TGACGAGCAC  TGGCATCGAT  AAAAGGATCA  GGATACGATC  TCACCTAGAA
271301   CCGACATCAA  CCAGCCTACC  TTAACGGACC  AACCAATGGC  AAAAAGGGGT
271351   GGAGCGAAAT  CTAATACGGT  CGCGCAACAC  GCATAAGCGC  AGAGTAAACC
271401   GCGCCACAGT  CCGCACGTGA  ACGCCGACCA  GAGCGCAAAA  TAAATTGATT
271451   CAGCAACTGA  ACGACTATCA  AATACAATAC  AAAACACGTA  TCCGAGACGA
271501   GACCAGCAAC  GATCAGATCA  GCGCACAAGA  GCGACTGACA  CCGATACGAC
271551   CAACGCTAGA  CAACGTATGC  GCTCAAACAG  TACGCGACGA  AATAACCAGC
271601   ACCGTGTGAC  GATGTGAGAC  TCCATAGATC  CGGATTATGC  ACCGACCTTA
271651   ACGCGCAATA  GACGATGTCC  GAACTACTTG  ACTGGATCAC  GACTGGGTGA
271701   CTCACCCACA  CATATCTCAC  ACGAGCACAG  ACAGTACGCA  CATGACACTA
271751   GACGTGCACA  GCTCAGTATA  CATCTAACTG  TGCTGAGCTC  TCGATCTAAC
271801   TATACGCACC  TACTCAGACA  GATCGACGXX  XXXXXXXXXX  XXXXXXXXCT
271851   TCCCCCTTCC  CCCTTCTCTC  TCTCTCTCTC  TCTCTCTCTC  TCTCTCTCTC
271901   TCTCTCTCTT  TCTTGCTTTC  TTGCTTTCTT  GCTTTATTTT  AATGTCTGAC
271951   CTCTGTCACT  ATTCTGAGTT  GAGTTTTCTG  GCTCATCCAC  AGTGTGATGC
272001   ATGAAGATCC  CAAATCCAAG  AAACCCTCAG  TGGTCCAAGT  GCCAGCAGAG
272051   AGGCTCCCAT  CCCAAGATGG  CATTGAACTG  GGGTCCTCGG  ATGTTAAGGA
272101   ATCATTGGCC  TGAGGAGGAT  GTGTATCTGA  GCAGTGTAGG  GGGACAAGAC
272151   GAGCTTAGAG  TGGCCCAGGC  AAAGTAGAGA  AGGTGTTAAG  AGTCTGGGAC
272201   AGATGGGTGG  CCAGGCCAGC  CAGAACCTTC  CTTTTCTCCA  GATGCTGTTA
272251   TCCCAGGAGA  GGAGCCTACT  GGAACCAGAG  GAGGTTGCTC  TCCAACAAAA
272301   CACAAATTGA  GGGGTAAGGA  GACAGTGAAG  GGCAAGTGAG  GGCAGCGGAA
272351   TTGGTTGTCA  TAGCCTGGTG  GCCTGAAGAG  GTTTCTCTGC  GGCTGGCTGA
272401   GTCCATGTTG  GGGCTGTGCC  AGGCATGAAG  TGCAAGCCAG  GCTTCAGTCC
272451   TGGCTGTAGA  CATATTGTTC  TCCCTGTCAT  TTAGACGGGA  TCCAATTTCT
272501   CTGCTTGAGC  AAATTGTTCC  TGCTAAGGAT  GCAGACTCTG  CTAAGGGCCA
272551   AGGCCTCCGT  GGAGTTGACC  CGACCTCGCA  GTCTGAAGCG  AACAATATTG
272601   GGGGAAGAGT  GATGACTAGA  TTCTCTGATG  CCCCTGAAAT  ACAGAGGGGT
272651   CAAATGGGTC  CATTGTGACT  GTAATATAAC  TTGTTTGGGA  TAATCTGAGC
272701   ATACTTCCCT  GTGTCCTCAG  GACTCCCAGG  ATCCTGATCC  TACAAGACAG
272751   GGATGTGAGG  AGGAACATTA  GCAGGGAGGA  GTGTGAAGAA  AGATCTGCTA
272801   GGAAGGAGTG  CATACAGAGG  ATGGGATGAG  GACCAGAAGC  CACCCGCTGA
272851   CAGCAGTGTT  CCCGGGCATC  TGGCAGAGAG  CAGCCTCCCA  GCCCCTGGGG
272901   AACTGAAGAG  AAGACAGGAG  CAGATACAGA  GGGGAGCCCT  GCTACACAGT
272951   ACCCCCAAAT  GCAGTGGGAC  CCAAAAATTG  ATGTGAGAGG  TGGCTGACTT
273001   CTGAACAGCC  TCACAAGGTC  ATAGGGCACA  CCAAATAAGG  CGCCTTCCAG
273051   TTTTGATGCT  GTGATGTAGA  GACGGCACCG  GCAAAGAGCT  GCAACAAGAA
273101   GGAACAATTA  GCCAATTCAT  TACGTTGACA  TTTCTGGCCA  CAAGGTCAGT
273151   ACTTTACAAA  ATAGGGCCCT  TTCCCTTAAT  TGGGGTTGTG  ACAGATAAAC
273201   GTGTGTTCCC  ATCTGACTCA  CGGTGTCCAT  GTGGCCAGGC  CCTATTATCC
273251   CCACTTGGCC  TGCCCTGTCT  GTGTAAGAGG  GCTTGTTCTG  TGTACCACTC
273301   TTGGCATCTC  TGTAAAGGAT  TCAAACGGAG  TCAACACAGG  GCCTGCTTCC
273351   TGTTCTTCAG  CCAGAAGAGA  AGACTCATTC  ACATACAGAC  GGAGAGCCGG
273401   CAAACCTTGC  TGGATCAAGA  GTGGAGGAAA  ATAGAGGGAA  TGGGAGAGGG
273451   GTCATTTAAA  AACCACAGTT  CACATGAGGA  AAACCTTAAC  AAGAACTCTG
273501   GATACCAGTT  CAAATGAGGA  GCAGGGATAT  TCAGAATGAA  AGCAGGAGGC
273551   TAAAAGGCTC  CACAGACATC  ACCTGAGATG  CTCGGAGAGG  CAGCAGGAGG
273601   CAGTGTGTGA  CATTTCAAAG  CACATCTAAG  GGGCCAGGTT  GCCTGGGTTC
273651   CACTTCTGGC  TGGTTCACTT  CAGGCAGTCT  GACCTTGGCG  AGTTCCTGCC
273701   CACTGTGCTT  TAGTTTTTTG  CTTAGCAGAG  TGACGATACC  TTGGTGCCTT
273751   CCTTTAGATC  TTCTATGAGA  ATTGAGCAGT  GATGGTTAGC  TGTAAATGCC
273801   AGCCCGGGAC  CCTAAAATCA  CCTGGGAAGA  GAGTCCCAAT  GAGGAATCAT
273851   TTTGAGCAGG  TCGGCCCGTG  GGAAATGTCT  ATGACGGGTT  ATCTCAATTG
273901   TGCTTATTAA  TGTAGGAAGA  CCCAGCCTGA  TAGCGAGAAG  CACACTTGCC
273951   TGGCTTAGAC  CTACCTAGGC  TGTGTAAGAG  CAGAGAAAGC  TAGCAGAGCA
274001   CCAGACACGC  ATGGCGTTCT  CTCTCTCCGC  GCTTGGCTGT  TGATGTGATA
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96

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274051   CGATGGATGA  GTCTCTTCAA  GTTCTGACCA  GTAACTTCCC  TGCAGTGATG
274101   GGTTATCATG  GATGGAGAAC  AAAAGCAAAC  CCTTCCTCTC  GCGCGGTTCT
274151   TTTAGCCGGG  ATATCTTACC  GCACAGCAGA  ATTGAAAGTC  GGATAAGCAA
274201   GTGAAGCCGA  GACAGAGAGA  TGTCTGGCAA  GGAAAGCAAT  GCCTTTCTTC
274251   CTGTGTATAG  GGAGGTAGAT  GTGGGCTATC  CCAGGCAACC  AAAGAAGAGC
274301   CGCTGCTGAA  AAACCGATCT  CAGCACACAG  CATAACGCCT  TTTGTAATTG
274351   GTTTCCCCGA  AAAGTACTTT  TGAAAAGTAA  CGGGCCAAGA  AAACGGCGGA
274401   ATTAGCTGGA  TTATTTGTAG  CCCAGACCCC  CGTGGGCTCT  GCCTTTCTAG
274451   CCGTGTGGTT  CACACTTTGA  CTTTTGCATC  CCCTGGGCAT  CTCCCACCTG
274501   ACACATTCAA  ACATACCTCT  CAGTGTCACT  CCTACGTGCC  GCTCCTGCAT
274551   GCAGCCTTCT  CTGGGTTATT  ACCACATGTG  TTTGAGTACA  CATGTGTATG
274601   GTGCATGTGT  GTGTGTGTGT  GTGTGTGTGT  GTGTGTGTGT  GTGTGTGTGT
274651   GTGCCACTCT  GCGCATATGA  AAGTCAGGGA  ACAGCTTCAG  TCCTTCTATT
274701   GTGGGTGGGA  TTGAACACAG  ATCATCCAAT  TTGCCCAGAT  AGCACTTTTT
274751   TACTTGCTGA  GCCATCCCAT  TGGCCCAGCC  TTCTCCATTT  CAGTTCCAGC
274801   AGTGGGAATA  GCAGTTACCC  AGTTACTCAA  ACTAGAAGCT  GGGCAGCCCG
274851   AGACTCCTCT  TGTCTTGGCC  AGCATTTAAC  CCATCAGCCT  ATGTCCATTT
274901   CCTCTCGGTA  TCTTCACACC  CAATCTACTT  TTCTGTATAG  CTCCTGCCCC
274951   CATCTTGGGT  CAACAGTCAA  TTTTCCCCTG  AAGTGACTTT  CTAACTGTCC
275001   CTCTGGCTCT  ATTCTTGCCT  GACTCAAGGC  CAGAAAGCCT  GCAAGGAGCC
275051   ACGGAGTAGG  AAACCAACAT  CCATCCCTAA  AGAGGTTCTC  AGCCCCGGGT
275101   CCAAGTGCAA  TGCTCTGTGC  AGGCATCCTT  GGGCTTTGCT  GGTTCAGCCG
275151   CATGCACTGG  CATCCCCTTT  CCAGCTTACT  CTCCCAGTTA  CAGACAGAAT
275201   CGTGTTTGCC  ACCTAGAAAC  TGGGCCATGC  CTCTTGTTCC  AGTCTGACCC
275251   TCATCGCTGG  TCTTCTGAAG  TTTTCTGTGC  CCTTGAGCTC  CAAAGCAGAT
275301   CCCAGCCTCA  TCCTGTCTGC  AGTTCCGTGC  CGTGTCTTTT  CTGGCTCCGT
275351   TCATTATCAA  ATCGACATTA  ATCAGGGCAG  CAGTTTTGCT  TTGAAAACAT
275401   GCTCTGGAGC  AGATCACAGA  ATGTAAGCTC  CCAAAGAAAG  CTCAGAGACA
275451   TGGCTTAGTG  CCGAGGCCAC  AGATTGAACC  CTTGGGCTGC  AGCGAGTCTG
275501   TACACAACAT  TTTGCTTGGC  TTACATAGCA  TACTTAAATG  TGTGTGAGTT
275551   TGTTTGTTTT  TTTTTTTAAT  TCATTGACAT  TATGTAAAAC  TAAGAGATTT
275601   TAGCCAATGA  TGGAAGTGCA  TGCCCATTAT  CCTGGCACTT  GGGAGGTAGA
275651   GGCAGGAAGA  TGTGATCGTA  ACCAGCTTTG  GTATATAGGA  AGGCCAAGGC
275701   CAGTTATGTG  AAGCTCTATC  TCAAACAAAA  CAAAACAAAT  CAAACAACCC
275751   AAACAAACAA  AACCCTAAGC  ATAACCAAAC  ACACACAAAA  TCCAGAGAGA
275801   TTTTTTTTTT  CCTAAAGTAC  AAATCTGTGG  CTTTCTTCTC  AAAGATGCAA
275851   TGTGGAGATA  TTGGAAGTCT  CTCGAGGGGC  TACAGTTAGC  TCCTCGCAAG
275901   CAGCAACTGA  CCCTAAGTGA  GACATGTCCT  TACGGGTTCC  CCTCAGTCCA
275951   TGTGGATCCA  CATTTACACT  AGTTTATACT  CTTTACTACT  CCATTGGAGA
276001   TATTTGCACT  TGCAGTTTTT  GGAGCTCGTT  CAACTCTTAC  ATTTTACAGA
276051   CGTGAAAGGT  GAGCCCGGAA  GGTGTCACGC  CCATCCCTCG  GTCATGTCTC
276101   CTAACTCCTG  AGTCTCTTAT  CTCTGTATTG  AACACAATAT  GCAGCTTGGT
276151   TTGATAGTCT  CCCCACTGCA  CCTGCCAGCT  AACATGCCCT  CCAGTTGTTC
276201   TTGTTTGTAT  TTGTAGCCCC  ATGGAACCTA  GACCCTATGC  TCTGGAAGGT
276251   CAAGATGACA  TTCTAAGAAT  GCACTACCCT  TACTTTGTAG  AAGACTATCG
276301   CCCAAGTACA  CAGGGTGACA  AAACGGGAGG  ATTAAATGGG  ACAGACAAGG
276351   TAAATCTGGA  CTCCAGACTC  CTCCTGTGGT  ACTGGAGGAA  GGTAGGGGAG
276401   AGAGCTTGGT  TGTTCTCATC  CTATTGACAT  GCACTTGAAT  ATATAGACAG
276451   CTAGGAGTCA  GTGAAAGAAG  GGTGAAGTTT  TGGCATCTGT  ACCAATATTG
276501   TTATCCCTTT  CCCCAGTACA  ATTACTGTGG  ACTGTGCCAT  TGCTAAGCAA
276551   AAGGAAAACT  TGAAATTTTC  GTTAATGAAC  AATGGCCCTG  GCCAATCAAA
276601   AGGAGTTGAG  AGACCTGTGT  CGCAGACCCT  AGAATCTTAT  GAAAACTTCC
276651   TCCTGGGTCC  TTTAGTGAAG  GAGACTACAT  TCACCCTTGA  GGAAGCTAAC
276701   CTCAATGACT  ACGGGACCCT  CCTAGCTACT  GAGTCATTTT  GTGTCCCATG
276751   GAATCATCAC  TATGCCTCTA  AAGTACAGAT  GCATTGATTA  TTTTCCTGCC
276801   GCTGGGATGA  AACACACTGA  TCAAAGCAA  CTTTAGAAGG  AACGGGTTAA
276851   TTTTGGTTTG  TAGTTTCAGA  GGGTTAGAGC  CCATCATGCC  AGGTTATACA
276901   ACAGAAACAG  GAAGCCAGAA  AGTCACAGGC  GTACACATAC  ACAGGAAGTA
276951   GAGAGTGACT  TAAGTGGGGT  ATACCCTCAG  GGCCCTCCCC  CAGTGACCCA
277001   CTTCCTCTGG  CAAGGTTCCA  CCTCCTAAAT  GCTCTATAAC  CTCCCCCAAA
277051   CAGTGTCACC  GACTGGTGAC  CAACCGTTAA  CCCATGTGCC  TATGTGAGAT
277101   ATCTCTCTCA  GTGAAGCCAC  CATACAAGCT  TACCCCATGT  CATGATTGAC
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97

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277151   TCTAGACTTT   ATCTGCCCTG   GCAACCATAA   GCTTCTGTAT   AAGCTGCAGG
277201   GAGGCGGGAC   ATCTGTGAGG   AAGAAAGGCA   TGATAGGACA   GGTTACAAAA
277251   GAAAAACAAT   GGGTGGATGG   ATACATGACA   GGCATTCGCC   CTCTGGGGTC
277301   TGTTTTATTA   GACCGTTCTC   CTCTTCCTTG   ACCATTGGAA   ACCTGAAATG
277351   CCTGGTGATG   CTAAATGGCA   CCTCCTTTCT   TGGTATTTAA   GGGTATCCAA
277401   GACCTCCTGA   GTCATAGTCT   CTCTAGCGAT   TAAGTAAATG   TGACTAGACT
277451   ATGTATCAAC   GAGAGAATTG   TGGGATCAGG   GAGCAAGGTA   GGTGAGTGGG
277501   CAAAGCACTT   CCCATTGCAG   CCATGAGCAC   CTGAGCGTCA   CGCCTAGAAC
277551   CCAGATTAAA   GAGCTGGCTG   TGATGGTGTG   TGCTCATAGT   CAGTCCTTAC
277601   ACAGGGCGGG   TGCAGGCAGG   CAGATTCCTA   GGGCTTACCG   GCTACCCAGC
277651   CTTACCTAAT   TGGTGAATCC   CAGGCTAATG   AGAGACCCTG   TCTCAAAACC
277701   AAGGTGGACA   GGACCTGAGG   AACAATGCAT   GAAGTTGTCC   TGTGGCCTGC
277751   ATAAACTCAT   GCATGTACAC   ACACATGCAC   TTGTGTGCAC   ACATATACAT
277801   CCGCGCACTC   ATGCATGCAT   GCATACACAC   ACTTGCATGC   ACACACATAC
277851   AGGCACACAA   GCATATGGGA   CAAGGAAGGA   GAGGGGAGCA   AGAAGAAGGA
277901   GAGAAATATG   TTGTTCAGGA   GCAGGCATGG   ATGTAGAATC   AAATCCTCTT
277951   TCAAACTTGT   GAGTCATTGC   TCAGAAATGA   CAGTCCGATT   TATGATGCAG
278001   GGATGTCATC   TCCTGCTGAC   AGTCAACTAA   TGAGGGTGGT   GATTTATGCT
278051   ACGAAAGGGA   CTTGTATGAC   TAGGCTCACA   TTGTTGCTAT   GAATTTCTGG
278101   GATCCTGGGG   ACCTTTATCT   GTTTTCCACT   TTAAAAGGA    TACCAAAAAA
278151   GTATGCAGTC   AGCCAGTAAC   TCATGCCATC   CTCTCGCACT   CCTTACCCAC
278201   AGACAGACAA   TAATAACTTT   TTTAATTGCT   TCTGCTAATG   CATTTAATTG
278251   CTTGGATCAG   TGGAGATACA   AACCACTTTT   TTTTCTTCTT   CTTCTTCAAA
278301   GAATTATCTG   CCACTGAATT   ATTTCAGCCA   AAGAGTGTTG   GCTCCTATTA
278351   ATCCCTCTGC   AGCTCAGGCT   TTGTTTGTTT   GTTTGGAGTG   TGAATCCATT
278401   GCTGCTCTGG   GCTCTCCCTA   TCCTTTTAGA   AATGAGGGCT   CTTCCCTTGT
278451   AAGGCTATGG   CTCATGCAGA   AGTGGCCATA   ATGACTGAGC   CAAGAGTAGA
278501   GGAAGACTCC   AAGGGGCTCA   TGGAGGTGGG   GTGGGCAGTA   GGGAGTAGTT
278551   GGAGGTCGGA   GAAGAAGAGC   TTTCAGAATA   GACTCACTCC   AAGAGCTCAC
278601   GTTGGAAAAA   GGCAGCAGCA   GGCTCGGGGC   CGTTGTCAAG   CACCGCACTG
278651   GAGCGCCCAC   AGTCAGAGCA   GCTTGAGAAC   GACTGTAGTC   ACAGCAAAAC
278701   TGTGGAGGAC   ACTGTGACCC   AAGCTGACAC   AGTCATGAAA   TAGGTGGCAT
278751   TTCCCCCACT   GAGTGGAAAG   TTGCTTTTCA   CCGTGTTCCA   AAACACTGGC
278801   TCAATTGTGT   GCGTGCTTGG   TTGTGTTTGT   GATACTCGGC   ATCGCTGTTT
278851   CCTGGAAACC   CTCCCTGGAG   TCCATGGCCA   TATTCACTCT   CGTCCCCCAG
278901   CCCCCAGCCC   TTCCTCCCCC   CACGCTCACC   CCCACTTCAC   CTCTGGGCTG
278951   CAGTCAGGAC   ACGCCCCTTT   CTCATGCTTC   CAGCGATTGA   TTGTGCAGAA
279001   CATGAAACCA   AAAGCAGATG   GGACAAATGT   AGATCGGCTG   TTGTTCTCCA
279051   TCTCTGTAAT   TTCCTAAGTC   TGATAGCGTG   TTAATCTCCT   AACCATACAA
279101   GCTGCTTCTG   TGCTCCTTGG   GACGTCTACA   CAGAAATATT   GCCAGGAAAC
279151   ACACTAAAAG   AATATGACGG   GATTTTCCAT   TTTGTTTCTC   CCTTCTCCTC
279201   CTCTTCATCC   TCCTCCTCCT   CTTCCTTTTT   ACCTTCTTCA   AGTACCATGC
279251   TGTTGGAGCA   GGAAATTAAA   TGCACTACTT   TGAAGTTTGT   ACTTTTCAGA
279301   GTTTCTGTTA   ACTGATCTCT   GTGGATCTGA   CCATGCTTCC   CAACTCACAG
279351   TGGGGTTACA   TCTTGGCAAA   GCCAATCTAA   CCTGAAAATA   TCCTAGGTCA
279401   CAAATGCATT   TCAATGTACC   TACCCTATTG   AGCACTGTAG   CTCAGAAGCA
279451   CAATAAGAGG   GTTGGGTATC   TCTGGGGTTG   GGTAGTATGG   CCGGTAGCTA
279501   GCTGGCCAGG   AGCTGCAGCC   TACAGCCGCT   GCCCAGCCTC   TCAAGAGAAA
279551   AACATACGAC   AGATACCAAG   AAAAGGTCCA   AACCCTAAAT   CTGAAATATA
279601   CTTTCTACTG   AATAGATCTC   ATTCTGCTTC   ATTATCAGGT   GAGGGAACCT
279651   CAGAAGCCAG   GGGCCATCGG   TGTGACATCA   ACACCGAAGG   ATGATGGTTT
279701   GGATGATGTA   ATAGCTAAAT   CCAAGATCCA   GCCCCTGGCG   AATGGTCTTC
279751   CTAAAAGCAG   TCACTCTAGA   AGTAGAGTAT   TTGTTTACCA   AACAGAGGTT
279801   GTGTTGGCTG   GGTCCACATC   TTATGCAGAC   GGGGAATGCC   ACTGACCGGT
279851   AGAGGATAGA   AGATGCTATG   GAACGAGTGG   AGCATGCTGG   GAAGAGGGTA
279901   TGGAGCATTA   TAGTGTCTCT   TTAGACCCAC   TCCTCTCTTG   GTCAGTCACT
279951   GGTCACATTG   CCTCTCCAAA   CAGATATTAC   CAGGCATGCC   TTCACAAGGG
280001   GCTTATCCTA   AATCAATCCT   GAAAAAAAAA   AATTCAGGTT   TCTGTTGTCA
280051   TCTGTGAAAG   TGTAGCTACC   CCTGCCCAGT   CTCACAGGAC   CTATAGAATC
280101   CTGTTTCTCT   GGAGGAATCT   ATAGCTGCAT   GAATTAAGGA   AGTATATAAG
280151   GATCATCTTG   TCCCTCCAGG   TCACATAATG   TTCTGCCCAG   AGGATTCAGG
280201   TTGATGGCTC   AGTGGGAGTG   TCCGAGAAGC   TTCACAATTA   GAGAATTGCA
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98

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 280251   GTCAGACTAG  TCTGAAATGA  CTTCCTGGTC  ATATTCTCAT  TCTCTCACTC
 280301   TCTCTCACTC  TCCCTCCCTC  TCCCCCTCTC  CCCCCTCTCC  CTCTCCCCCT
 280351   CTXXXXXXXX  XXXXXXXXXX  XXCCCTCCCT  CCCCCTCCCT  CTTTCTCCCT
 280401   CTCTCTCCCC  TTCCCTCTCT  CTCTCTCTCT  TGGGATTTGT  TGACTACATT
 280451   CACCTCATCA  GCATCTTAGC  AGGCTATCTG  AAAGAACCCA  GACCTTCAGC
 280501   CAGACAGAAC  TGGATTTAAA  TCAGTCTCAG  TCTCAGACAC  TTACTAGTTA
 280551   GTGTTTGGGA  CATGTCATTC  AGTGTCCCCT  AATACTACAA  CCTCCTTTTT
 280601   TTGAGTCGAT  GCTACCCATC  TTGTGGTAGT  GACTCGGAAG  GCACAAGTAT
 280651   TTCCTTGTCT  CCTCCAATCC  TTGTTTTCAA  ATGATACAAA  CAGAGAACAC
 280701   GCTTGTGTCA  GACCTCTCTG  GAACCCGAAG  GCACTGTACT  AGGAAATGTT
 280751   CCTAAGCCTG  GAGCACAGCA  GTTGCTTTAT  TAGTCATACA  GGCATGAAGG
 280801   AAATTACTTC  ATCTTGCTTT  CCTTCCGTTA  TCTACCCAGT  AGCTAGGAGG
 280851   GACATGTGGG  GCTGGCTAGC  CTAGGATAAG  AGGAGACAGT  GCTGGGCCAT
 280901   AAGGACCTGT  TTCACACAGC  TCTTTCTCAA  CCCCATCCTG  GGAGCAGAAA
 280951   AGGCCACAGT  ACCAGACAGA  ATGACCAGTG  CTAGGATGCC  AGGGATCCCA
 281001   ACCACAGAGG  AGGAGGAGGA  AGAGGAGGAA  AGGAGGAGGA  GAAGAAGAGG
 281051   AGGACGAGGA  AGCGGTGGCT  TATCAGTACC  GAGTTGGGCA  TATCAGTACT
 281101   AAGTTCCCTC  TGCTTTCTCC  TGCCCGCCTC  CTTCATGGTC  TTGTTTGTTT
 281151   GTTTGTTTGT  TTGTTTCCAA  TTAATAAGAG  CCTGGGCTGT  TGGGAATGAG
 281201   TAAGCATGCC  AAGCAGCCTT  GGAACCTGAC  AAGAAGTTAC  AGAACTCTCC
 281251   TTTCATCTTA  TTTCTGCCTG  CAAGATGCCC  AGGTTAAAGG  CACAACCTTC
 281301   ATCAGCAGGA  CCTGTTGTAC  TTAGAGGCTT  GCAGGACACC  TGCCTCCCAT
 281351   GAAGCGTTTC  AGCTACATAC  TTTGTACCCA  AGGACCACCT  GTGCCTCCCG
 281401   TCCTTAATTC  AGAGTCGTCT  TCCTTACGCC  AAGGATGAGG  CAACAGTCAA
 281451   TTTGGTGGAA  AGATCTCTGT  AATAGGAAAC  GAATAAAACT  ATCAATGCTA
 281501   AATAAAATAG  ACCACTGTGA  AACTTGGGTT  AGATCCCACA  GGGAAGCGTA
 281551   TGTGTGATTA  ACTGCGTTAT  GTAACAGAC  CGCCTTTAAT  AGCTGGCATG
 281601   GTTCTTTTTG  TTGTTCTAAG  GGAAAAGTGG  CCAAGGCTGA  AGCCAGAGCA
 281651   CATGATATTA  TTTGAAAGTG  CTGCAGCCTC  TGGAAATGCT  CCTCCGAGGG
 281701   GTATCCAGAA  TCAGGGTTCT  CACTTGATTT  ATGGTTGTTC  TAAAGGTTTA
 281751   ATACCTTTTA  TATTTTCACA  ACTATACCCT  TTGCTTCCAG  AAGCCTCTGG
 281801   CTATGTTTCT  GCTGCTTTGA  ATCCCATACC  TTATTTACCC  ATTCAAGAGG
 281851   GATATTTTAG  AACTGTGCAA  AAACGAAGGT  TCTATAGTAT  TTGATTTTGA
 281901   GCAATCCCAT  GGATGAAAGG  GTTGAGACTG  TACGGCAGGG  CACACAGCCT
 281951   TTACCCAGCC  ACTTGCGAGA  ACCCAGCAGA  GGTGGTCACT  GGACAGAATA
 282001   GTTTTAATGT  GTCAGCCCCT  TCTATCGGCC  ACAGTGCTGG  CTCTGAGGCT
 282051   CCTCAGCCCT  CACAGCTCTC  TCTGTTAGGT  GTGGCTGGCA  GGGAAGGCCA
 282101   AGATTAAGCC  AGGGCAGATT  CCCAGCCCAT  CAAATCAGAA  ACAGAAGGGC
 282151   ATTGGAAGTT  GTGCTAGCAC  AATCTACAAA  ATCAGCTGGA  TGGGAATTAC
 282201   ACTCAGCAAT  GAAGACTGTG  ATGGAGCCAG  GGTGGAGCAT  CATGGGAGAG
 282251   TCTGGGAAAG  AGGCTCCAAC  ACAATACAGG  GTTGGGGACA  AGGCGGAAGC
 282301   GATAAGTGTC  TGAACGCTTT  CAAGGAAACA  AGGCCAGCTT  CTTTGAAGAG
 282351   GACTTGGCAC  GAAACACACC  ATGTAAAGTT  TGATACGCGA  TGCTGGAGAC
 282401   GGTGCACATA  CCTATAACTC  ATCACAAGAG  GAGCCAGAGT  TCAGAGTTGG
 282451   CCTCAGCTAC  AAAGCAGGGC  CGAGGTCAGC  TGAGACTCTA  TGAGGCCCTG
 282501   TCTCGAAACA  CGAGAGTGGA  TTGGCAGGCT  TTGCCACACA  CGTACACCAT
 282551   CTCCACAGTC  AGGATAATGA  TAGAGCTACC  ATCTTGAAAC  TTTTCTCATG
 282601   GCCCTTTATA  ATTCCTTCCC  ATTTCCCTGG  GCCCGGGAAA  ACATGGGTTT
 282651   GCTCTCTGTT  GTCATTGGTG  ATTTTCATTT  CCGGCATTCA  CCTAAATGCG
 282701   TTCTGTACTT  CCCCTCCTCC  CCTCCTCCTT  TCTGGCTTCT  TTCATTCAGC
 282751   GTAATTATTG  TGAGACTCAT  TCAGGTTGAA  GTATGTATAG  TATTTCATTC
 282801   ATTTGACTAG  ACAGCAATAT  TCCACCGTAC  CGATATCCCA  CACGCTGTTT
 282851   ACCCGCTTGC  ACGTTGAGAG  AATCGTAAAT  TATGTTGTGG  CAGTTATGGA
 282901   TGGAGCTGCC  GAGAAGCACC  CGCATGCATG  TGACTGCCTG  AGCAAAGATG
 282951   ACTTTTCTCT  GTGGTAAATG  CTTAGAAGTG  CAGTTGGAGG  AACAAAGGCC
 283001   TGGCATATAT  TTAACTTGTT  AAAGAAACCC  GTCAGGCTGT  CTTTAGAGTA
 283051   ACTTTCCCAT  TTGATGATCC  CCCAGCAGCG  GGCAAGAGTT  CAGCCACTCC
 283101   ACGACCCTGC  CAACTTGGTA  TATAGTCCTC  TTTAATTTCA  ACTTTTTTCC
 283151   CATTGTACTG  TGAACACAAC  GCGCAACCTA  CACAATATGT  CATCATTAAC
 283201   TAGACACAGT  GCAGTCTGAC  AGGTGTGAAG  GACCTATTCA  TCTTATATAG
 283251   CTGAGATTGT  TCCTGACAAA  GGCAGCCCAT  TTCCCGTGCC  CTGCTCCAGG
 283301   CAAGCACGAT  TCCAGCTCTG  TGGATGTGAC  AGTATTGGAT  CCTCACAGAA
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99

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283351  GCAGTGTTTT  CCCTTCTGTG  CCTGGCAGCC  ATATTCATCT  GAGTTGAGTG
283401  GTACTCAACT  GTGGTTTTAA  TTTGCATTCC  CCTAATAACT  GATGCGCAGT
283451  GCCTTTTTAT  GTATCTGTTC  ACCATGCCTG  TATCATCTTC  ACTGTCCACA
283501  TTTCTGGCCA  TTTTATTTAA  ATGGGCTTGC  TTTACACCTT  ATACTGAGGA
283551  CAAACAACTC  AGATGACTTA  AGTTGGATCT  GTCCTGAAAG  TGTCTGTCTT
283601  CCATGGTTTC  AGAAAACACT  ATGCAAGCTG  TCAAGGAAGG  GGAACAACTG
283651  AGCAGCCCTG  TCTAGCTCCA  ACACCATTCA  ACCACTATAG  TGACCAACAT
283701  GGCGAGTCAT  GCATAGAAGG  TGCAATAATG  GCACTCACAT  GCCAGTGGAA
283751  ACCAACAACT  CTAATTGGAC  TTCAGGCCCA  CTCAGCAAGA  GAGCGATTAC
283801  GGCTGGCATT  GGAAACATAC  CCAAATTCTC  GGAGATGGTA  AAGGTCCTGG
283851  ACCTCAGAAA  GGAATCTACT  ACTGCCACCT  TGCTTACCAG  AATACTTATC
283901  CACCGTACTC  TAAATCTTAT  CCTTTTACCC  ACAGATAAGA  GTAGCTTCCA
283951  TCCCTCACCA  GAGATGCTTG  TCTTTACAGC  AAATGGAGGC  CGTCAGAGAA
284001  ACATACAGCT  GGAGACAACA  TAGGATATGG  AGAGCTCAGC  CCCAGCAGAT
284051  GCATCTGTGC  CTCAGGGAAC  TTCAAGGAAG  GGGAGGTAGA  AAGACTGTAA
284101  GAGCTGGAAT  GCCAGGAAAT  CCTCTGTGAA  GCAGTCTCTC  CTAGAGAAAG
284151  CTGCACAAAC  AAGACTGGAC  CAATGGTGGT  ATCATTAGAC  ATGAAATTCG
284201  GGAGAGGGAG  TGTGGCAGGA  TTTTCCCTGT  CCAATTACAT  TAAAATATTA
284251  GTGCAGCAGG  AGGCCTGTGA  TTGGACAGGG  AAAAGGGAGG  TGGAGCGAAG
284301  AGTTGCAGGG  ACAGAGAGCG  ACTCAGAGGA  GGGAGGAGGA  GAAGTCAAGA
284351  TGGAGGCAGA  TGGACAGGAA  GAAGATCCTG  ATCCCATGTG  GTTTTAAATA
284401  GCCACAGGTA  GTTATGATAT  CATACAGGAT  TGACTAATTG  GGATAGTTTG
284451  TCTAATCTAG  GTGGGCAGCT  TTTATCATTA  TCAGTTGGTT  CTGAAATTAT
284501  TGTATTGGCA  TCTTGTGAAT  TGAGAATGTC  TGACTTGTTA  ATTATAAGCT
284551  TCTAGAGTTT  TGTTTCTACT  GGGTTGCTAG  GTGTTGTGGC  GGCTGACTGT
284601  GGGGCAGATG  GTCATTGTGT  GGGGCTGGCT  TGGCAGCGAA  GGGAACTTGG
284651  GTGCTCTGGC  CCCACCAGAG  AGTTGGTGGG  CAGAGAGTAG  CTGAATGAAG
284701  CGCGGAACA   TGGCGGTTCT  ACTTTTAATA  TTTCCCCACA  ACAGGGAGAA
284751  TTTCACAGGA  TCCCACCCCT  AGACAAAGAA  TTCCAGCAAC  TAATGAGTCC
284801  TGTGAGAGGG  GAGAGGGGAG  TTAGCTTCTC  CCAGGGATGA  GCCCTCTTCT
284851  TGTTATCCAG  TGCCCAGTGG  TCAGCCCTGA  AACCATATAC  AAGCAAGCAT
284901  CATAACATAA  CATAACATAA  CATAACATAA  CATAACATAG  TGTAACACAT
284951  ACAAAAACAA  AACTAGTCTG  AGCAGAATAT  ATATGTATAC  ATATATGTAC
285001  TTATAATCTG  TGCAAGCATA  TATACACACA  TGTAACAACT  ATAATTAAAG
285051  AAAAAGAGGC  AATTAATGAG  CATGAGATGT  GAGAAGAGTT  CAAGGGAAGG
285101  TAACTGTGGC  TCTCTGGTTC  TTCACCTCTC  CCTTGCATGT  TTCAGAATTG
285151  GCTTTTGTCA  GCTTCTGTCT  CTAAGATGTG  TTGAGGTTTT  GATTAGAAGC
285201  AATTGGGTTT  TCACGAAGAT  ATGTCAGTGG  TAAGGAAACA  CATTTTTATC
285251  TCAACAACTG  GCCCTTGAGG  CTGGCCTAAC  GTTTGACCCA  CAAGGAGGAA
285301  ATGATGTACT  TCTATTTCAA  TTTTAAAAAT  TAAAAAAAAA  AAAAAAGCTT
285351  GGTGGTCCTG  GCACATGCTT  TTAATCCCAG  CATGTGGGAG  GCAGAGGCAG
285401  GTAGATCTCT  GAATTGAAGT  CCATCCTGGT  CTACAGAGTG  AGTTCTAGGA
285451  CAGCCAGGGC  AACACAGAGA  AACCCTGTTT  AAAAAAAATA  ATAAAATTAA
285501  TAATAAATAA  ATAATAAAGA  GATAAGGTAG  ACAAATAAAA  ATGGGGTTGT
285551  TTTTCTATTA  AGCTCTAAGA  ATTACATGTT  GCATGCAAGT  CCTTTGTAAG
285601  ATGTATATAT  AGAAAGAGAT  TATAATACTT  GTTCCCAGTC  TGTGGCTTGC
285651  CTTATCTGGT  GATTGGGATA  GGTCCTGGCC  CTGTGTGCTA  GTGAGCATTC
285701  TATTGCTGAG  CTGCATCTGG  AGTTTCTGCT  GTGTCTTATT  TTTCAAAGCA
285751  CAGAACTCTA  AACATAGACT  AATGTTTAGT  TTACCAGATT  CTTTCATGTA
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285851  TGTTGCTATA  ATAGAACACT  GTGACCAAGG  CACTTGGAAA  GGAAAGCATT
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285951  GGAGTATGGT  GTCAGGCTGA  CAGGCAGGTG  CTGGGTCAGT  AACTGGGAGT
286001  TACTGGGTTC  CAGCCCACAA  GTGTGAGTGG  ATGAGGGGAG  GAAGGAGAGG
286051  GAGCCAGAGA  GTGCAGGAGA  GTGCTAGTGA  GGGATGGAAG  AGTAGTCAGA
286101  GCTTTTGGAC  TCTCAAAGCT  GATTCTCAAT  GACACACCGT  CTCCAACAAG
286151  GTCACACCTC  CTTCCCAAAT  CCTTCCCAAA  CACTTCCACT  GATTGGGACC
286201  AAATGTTCAG  AGCCTGGGGG  GCCATTCTCA  CCCAAACCAC  CACACTGTCT
286251  GAGCTGAGTT  TACTCAAATG  TTTTGTCTAG  GCTTTCTCTT  AGTAAGTTGG
286301  AGTTCTCACC  TGTGTGTGTA  TGTGTGTGTG  TGTGTGTTTG  TGTGTGTGTG
286351  TGTGTGTGTG  TGTGAATATG  GACAACCAGT  TATTTCTGCA  TCATTTGTTG
286401  AAAACCCCAT  TCCTTTCACT  GACTTTAGTT  TGTACTTTTG  CATGGATCTG
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100

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286451    TTTCTGGGCT  TCAGTTTATC  CTGCTGATAT  TGTCTATCTT  TTTAATACTA
286501    TCTGCTTCTT  AATTTCATAG  CTTTAGTATA  AAGACTTGAA  ACTAGGTAGA
286551    GAAATTTGTC  CAACTTTGTT  CTTTTTCAAA  ATAATTTTTG  GCTCTCTGGT
286601    TCTTCACCTC  TCCCTTGTAT  GTCTCAGAAT  TGGCTTTTAT  CAGCTTCTCT
286651    AAGATGTGTT  GAGGTTTTGA  TTGGGAGCAA  TTGGGTTTTC  AGGAAGATAT
286701    GTCCATGGTA  AGGCAACACA  TTTTTATTTC  AACAACTGGC  CCTTGAGGCT
286751    GGCCTAACAT  TTGAAACATT  TCCCACAGTG  TTGCTCCCAA  GTTCACTGGA
286801    AACCCATGTA  TGCAGAATGA  TATTATTTGT  GGCCAATGAG  AATAAGGTCT
286851    CATTCTAGAC  CTTATTTCCT  ATATGTCACC  CTTTTCCCAT  GTCATCCCAG
286901    AGACAAAGTA  AAAACAATTC  AAGCCTCTCT  CGATAGGACA  AGACCATGAT
286951    GTGTATGTCA  GCGCCCCCTT  GGGTGAGAAT  GGGCCTTTGG  AGTTATAATG
287001    TATAGTACAG  CTGGGTATTG  AACAGAGTGC  TACATAGGCA  GTGGACAGCT
287051    GAGCCTTTGA  AGTTATAATG  TATAGTAGAG  CTGGGTATTG  AACAGAGGTC
287101    TTGTGCGTAC  TATCTAGACA  CTGGACAGCT  GAGTCCAGAG  CATCTGTGAG
287151    TTGTTCTCTC  CCTGGGTGAT  GATGCATCCC  AGAAGCTAAG  CTTTCACATG
287201    TATGTTCCCC  ATAGGCTGGG  GGGAGAGGGC  GACCAGCATG  CAGATGATGT
287251    CACGGAGCTG  ACAGGCAAAG  CCTGTCATGA  ATGGGATTTC  ATGAAACTTC
287301    ATCCCAGGTT  CTAAGCTTAG  TTGAACTACA  CAGGCCAAAC  TGAACGCATG
287351    TAGCCGGATT  CCATCCATTG  CCTCCTGAAG  GGACGCCTCT  GGTGGATGGG
287401    TCCTTTTATA  CCCCTGCAGA  GGCAGCTCTC  TCATCAGACA  CCCTAAAGGA
287451    TTTATTTTGA  CAATGGCTTA  TTGAGCACTA  AACATATGCC  AGGAAGCATT
287501    TGGGGAAGGA  GGCCCTTCCT  CTCCTGGGCC  CTAGGGCTCC  TGCTCCAATG
287551    GGTTTCAGGT  TTGGCATAGG  AAAGCATCTC  AATTGTCCTT  CCTTCCCTTT
287601    CTCTCCCAAA  TCTGTCCCCT  GGACAAGGAT  CTGGCTAATA  TGCTTTGAAG
287651    AGTCCCAAGG  GGCTTCTCTG  AGGAGGTGGA  GTCAGTTAAT  AACTAATGAG
287701    AATACGAACC  TACCCCTGGA  ATATATGCTA  GGCAAACCTC  TGCATGCAGT
287751    TACTAGGAGA  TGAAGTCATT  TTGTGGTTAC  TAAGCCATGA  TTAAAATGAA
287801    GCAGGGTGAC  ATGTCGGGAA  GGTGGTTCCT  TTGTTATGTG  AAACTTTTCT
287851    TTCAGTCTCT  CACATGTATG  CTTCTCATAC  ATCCGTATCT  TTCAAAAGAA
287901    ACATAGAAAT  ATAGAAAAAG  GTCAAGAGAA  AAATCGCACC  TAATGCTCAT
287951    GGCTGTTAAG  GGAATTAGCA  ACACTAATCA  GGGTTGAGCC  TGCATTATTT
288001    CTGAAGTCCT  GCAGAATGGG  CATTAGGATT  GTGACCTAGG  CCGCTTTCTG
288051    CAGCCATCAT  AGGCCTCCTA  GGACAGACAA  CAGCACACAG  CCACCTGGCC
288101    AGCTGAGCTG  TGTCATCAGC  TAATGACTGG  CGTAAGCAAA  TGACTTTATT
288151    TCTCTTGTTT  CGGCTTCACG  GAGATACCTG  AGTTAGGCTC  AACAGTGGTG
288201    CTCAAGCCTC  CAAAGCTTGA  GACAGCCCCT  AAATGATGTC  CATCCTCAGC
288251    CCGATTTGCC  TCACGTTCTG  TCGGCAGCCT  CAAACAGGCT  TGTACGATGG
288301    GCCCCTGTGA  GAATTTGCTG  GATTTATGTG  TGCTGTCATT  GCATTTTACG
288351    TGAAGCGAGG  CCTATATCCA  CTACTGAGAA  AAATAACTCT  TATAAGTCAC
288401    TTTCCTCACA  AAATTGAGAT  ATGGAGAAGC  CTAGAGAAGG  GCAAGCTTGT
288451    CAAGACCAGC  AGAACAGCAC  AGCCAGGCAG  AACTTTCCAG  TCTGCTTGGC
288501    CCTGCCTCGA  GGCATAGTCT  GCACTTTATC  AGGGAGACTG  GAGGACTGCC
288551    ACTCCTGAAT  CCATGGCAAC  TGCCCCAGAA  GTAGTTTAAA  AAAAAAAAAA
288601    AACTAAACTG  AAAATATATC  GGTAGGAGCT  GCTAACGACC  AGACACTGTG
288651    CAGGGAATGA  GCTGTGAACA  AGAGGGACAT  GGCCCTGTTA  GCCTTTTAAC
288701    TAACTGCAGC  ATATGCCACA  CACCTCTGCC  CAAGGTGACG  TGTGTCCTGG
288751    CACTTCGGCT  TTGCTCGCCT  TCTGTCCGTC  CGTATAATGG  GCAGGTGTCA
288801    TCGGTTTGGC  TAACATGGAT  GCTCTGAGAC  TTTGGCCTTC  CTGGCGCCTG
288851    ATTCCAAACA  CAGGTGTTAA  TGGAGCTGAG  ATTGCTCTCA  AGTGTGTTTT
288901    TGGTTTTTGT  TTTGTTTTTA  ATTTTGTTTT  CGTTTCAGGG  CTAGAGTCCT
288951    GTTGCATTTG  CAGTCAGTTA  AAACATATAA  ATCTGTAGAC  CAGGCTGGCC
289001    TCGAACTCAG  AAATCCACCT  GCCTCTGCCT  CCCGAGTGCT  GGGATTAAAG
289051    GAGTGCGCCA  CCATGCCCGG  CTAGGGCTAC  ACAGAGAAAC  CCTGTCTCGA
289101    AAAACCAAAA  AAAAAAAAAA  ATATATATAT  ATATATCTGA  ATGCAGATGG
289151    TGCACATGCA  TGCATACAGG  TCCAAACCCC  ACACATAAAG  TGTGTCTTAA
289201    ACACAAAACA  GACAAACAAA  CAAACAAAAC  CACCAAACTC  TTCCTTTTTT
289251    TGGTCTTCAC  TTGAGCCATG  TTGAAAATAT  TCAGTACGTC  CATGCTTTTT
289301    TTTGTTGTTG  TTTGTTTGTT  TGTTTAGACA  AAATCTCAGG  ATAGTCTATT
289351    ACATTTATCC  CAAAGCAAGG  TAAACCTTTC  TATTACCATT  TCATCCATCT
289401    TTGCAGTTCA  CTTGATTGCC  AATCACAATA  TCAGCATCCC  TTCTAGCTTT
289451    GAGAGGGTAA  CAGGTTAAGA  AGCCTACCTT  AAGAGATGGG  GTAGGGAATT
289501    GCCTATGACC  CAGCATCCAG  GAGGCTGAGA  CAGGGAGATC  TTGAAGAATG
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101

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289551    GCCTGTGTTA   TGTAAGGCCC   TGTCTCAGAA   AGAACAAAAG   GGTGGGGCAC
289601    TGTCTTCTTC   CTCTCTCTCG   GGCTTTGCTG   GTACAAGAAC   TGAGTGTTTT
289651    GCTCTTAGGA   TTGCTGTTGC   ATCCCAGTGG   GGAAGGAGCT   GGCGATTTGC
289701    CTGGCCTTCA   AACCCTGCCT   ACTACAGTCT   TACTGCCAAG   TCACGCAGCC
289751    CAGCTGAGCT   CCATCAGAGA   AATGGGCACT   GATGCCTGAA   GTTAACACTG
289801    TTCTCAGCAT   CGCTCATGGT   CCTGCCCTTC   TTTTAGGAAT   CTGCACACTA
289851    ATAGGGAAAG   CATCAATCCA   CTGGAGTTGC   TCCATAATTT   ATAGTGATGT
289901    TGTGGTTTCT   CAAACCACCT   CTGTAATTGC   CATTTGCCCG   AAAATCAGCA
289951    GCAGAGATCT   TATCCAGGGC   TATGGGGCCT   GCTTGTTTTC   TTTAGCCTGG
290001    ATATCATCAG   TCTACATGTT   TATATATTTT   ATTCAGAACA   TTAAAGTATG
290051    GCTTAAAGGA   ATATTTAAAC   ATTTTTTTAA   TTTAGAGAGT   AGTCACTTAT
290101    GTGAAATAAT   GTAATTTCTC   TATTTTGAAA   AAGAGAAAAA   CACAGATCTG
290151    TATGTCCAGA   TGATGTAACT   TCCACATAAG   GAATCCTTAA   TGTCTTCTGC
290201    AGGTCTCCCG   GGGGGTCTCA   TGAATGGTTG   AGGTGACCCA   TTGCCTGAAG
290251    GCCAGCCAGC   AGTGGGAGCG   CTAGCATTAA   AACTGTCTGT   TGGTCACAGT
290301    CTGCCCTCCA   GGGAAACAGC   AGGTGCTTTG   GAGCTTAGTC   TCTCAACAAC
290351    TGCACCATGT   CTTTAAGTTT   CAGATGTGGT   TTTAAAGGAC   ATGGGTCCAT
290401    GAACCTAACA   TTTCTGCCAC   TGTGACTGTG   ACGTGTTCAC   ATTAGAGGCA
290451    AGCTCGCCCT   GCTCCCCTTG   GGCTGTAGCC   ATTTCTGTCT   TTATGAGACC
290501    TTACCCCCTA   AGACAATAAA   AAAGTAAGTA   TATGATAGTT   AATGAAGGTG
290551    AACATGGAGA   TGTTATTTAT   TCAAATATTT   CATTCACCTA   ATGTCCACTT
290601    TTCCCCCTCT   AATTATGAAG   ATAAAAAATA   ACTTTTTCTT   ATTCTCCCCA
290651    AAATATTATG   AGCTCTCAGT   GCTGTCCCGT   CCTGCCTATG   GGTAAGACAA
290701    CTCTGATTAG   AAGTCTTTAT   TTTTCCTTTT   ACAGGTTTTT   TTTTTTTTTA
290751    GATTTTACTT   ATGAATTATA   ATGTCCATGT   TTTTAATAAA   AACAAACAAA
290801    CAAACAAACA   AAAAACAACC   AATTCCTTAC   CCCAGAGAGC   AGCTATGCTC
290851    ACCCAGGAAG   CAGCTGCACA   TTTGATGGGA   ATGAGTCAGG   TTGTCAGATC
290901    TATAGCAGTT   CATTTTTCTG   AATAAGAAAT   ATATATTTTT   TTACATTGGC
290951    AAACAAAACA   AAACAGCAAC   AGCAGCAACA   ACAACAACAA   AAACCAACCC
291001    AAAAATGAAT   GTCATTTGCC   TACCCCGTTC   AGTCTGCCTG   CCTGGCCCCA
291051    AGCAGCTGTA   GTTCTTGCCA   AATGGCTAAG   CACAAACGCC   TGACTCAGCA
291101    TTTTCTTGCT   CGCTGCTTCC   AGCATCATGT   AGTGATTACG   ACTCGTCAGT
291151    TCTCCCGACT   CACTGTCTCC   CCACAGCCCC   CCATCCTCCC   CCACTCCTTG
291201    TCTAGAGCGA   TATAAAGGCG   TGCACATCTA   CTCCAGCACC   CGATGCTAAG
291251    TTGCTGCAAG   ACCAGCTGCT   ACTTCCCATT   CATCCAGCTT   CTCATGGCTT
291301    CCCCGTACAA   ACCCTGCATG   TAAATATAGA   GGAATCCAAG   CTATACTGAG
291351    AAGGGAAAGG   AAAAGAATCC   CCACAAAGTA   TTGTCATCAT   TCAGGGAACA
291401    TCTGTCCATG   CATGGAGATG   ATGGATGGAT   AGATGGATGG   ATGGATGGAT
291451    GGATGGATGG   ATGGGCAGGC   AGATGGACAG   ACAGACAGAA   GGACAGATGG
291501    ACAGAAGGAT   GGACAGACAG   ATGGGTGGGT   GGATGGATGG   GTGGGTGGAC
291551    AGACAGACAG   GCAAAGTGAG   ATGGGGTGTT   TTTAATAGAA   GAGCAGTCAA
291601    CAGCTTTATT   ACAGAGCTTT   ATGGGAACTG   TAGTTCAACT   ACAGCCAACA
291651    AGAGATGTAG   TTATAAACTA   GGAGATGGTC   TAGAAAAGCC   GATATGTATT
291701    GTACTATTTT   GAAAGTTTGA   AAATGATTAC   TTAATTTTCT   CAAACTCACC
291751    CACTGTCTTA   GTTAGGGTTA   CTATGGCTGT   GACGAAGCAT   CATGACTGAG
291801    CAGTGTGGGG   AGGGAAAGGG   TTGCTTGGCT   TCCTCTTCTA   CACGCCCTGT
291851    TCAGCATTAA   GGTTGGGCCC   TCCTGCATCC   CTTACTAACT   AAGAAAACAC
291901    CCTGCAGGCT   TGCCTACAGC   TGGATCCCAG   GGAGGTATTT   CCTTAATTGA
291951    GGTTTCCTCC   TCTCTAGCCT   GTGTCAAGTT   GACATAAAAC   TAGCCTCTCC
292001    TCCCTAAGAT   AATGGGTTGG   GGGGTGGGGG   AACTGAGTGG   GAAAGAATTC
292051    TGACCTTTGA   ATAAACATTT   TTTCATTGTA   AAAAAATGCT   ATTTATTTCT
292101    CTTTACAAAG   TTGGGAGAGG   GGTGAAGAAC   TTTCCTAGTG   GGCTTTGTAT
292151    TTTCTAGTTG   TTTCTGTGGT   GGAGCTAGTG   TTGCTGGTCA   GTTCTCTCCC
292201    ACTCTGGAGT   ACTACACATA   CACACATACA   CACACACACA   CACACACACA
292251    CACACACACA   CACACACAGC   TACATACATG   AATGTTGAGC   TAAGGCATCC
292301    TTTACAATCA   CTCTCTTATC   CCAAAGCGTC   AGGGGAGAGA   CTGCTGTATG
292351    CAAAGCATTG   TTCTGGGCAC   CTGGGTGCAT   CACTGGGCAA   ATGGACGAAG
292401    CTCCGTTTGC   TCAACAGGAG   TTGACAGCTC   CAGGGACATT   GAGCGGTGCC
292451    AGGGACGGGA   AACCGCAGCA   GCACACAGAC   AGTGGGTAAG   AGGTTACAAG
292501    GTCATAGGTG   GACAAGGGAG   ATCTCAGAGG   AAGTAGGAAC   TGCATCTGAG
292551    AGCTGTGAAG   GTGGTACAGC   TTGATGAGAA   GTTCTACTTG   TGACCGAGGA
292601    AGTGTCCCAC   AGAAAGGGGA   GAGCTATGAT   AAAGCTGTGG   TCTGAGGGCG
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102

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292651  GAGCTCAAGG  AAGGAGAAAC  AGCCATGTCA  GGTCCTGGTG  AGGCTGTGGA
292701  AGGTGTGGCT  CCCCGAGAAC  ATCTCAAATG  TTTTATACAG  TTTGGAAAAA
292751  AAAAAAAACT  GTAGCAAATA  TTCATCTCAC  TGGTTTTTTT  TTCCTTCAGA
292801  AGGTTTGTGG  TCTTTACAAA  ACAGAAATAA  TGGATTAACC  AAAATTTATT
292851  CTGAAGAGCC  TGCACGGCTT  GCTTCTATTT  TAACAGCTGT  GTAAGGGGAT
292901  GCAGTGCTAA  ATGATTAGTG  GAGGATTTAA  TGAGAACTCA  AAAATCACAG
292951  TCTGAAGAAA  ATAATAAAAT  CACTTCTGAA  AGACAGTACC  ACATTACAGC
293001  TAGATGAAGC  CTTGGGTGCC  ATCTGGCTTT  ATCATTTACA  AATGATCGGT
293051  CTGGGAAATG  TGAAGTGACT  TAGCCCATGC  TACCTGGTTA  CCTGCTTGGT
293101  GACAGGCTTG  TCTTTAGAGA  CTGACCAGAC  CTGCTAATCC  AAGGCCCAGA
293151  GCATATCCAC  ACTAATTTAG  TGAAAACGCA  ATTGTTGATA  ACAGTCTCAT
293201  TGAGTTTCCT  AGACTTGACA  GTCAAATCCA  AGTTCCCATC  ACAGTGAGTA
293251  GGATGTTATT  TGTGTTTGCA  ATATGGCCTT  CATCTTTGGG  GTATACTGGA
293301  AATTGGTTGC  AGGAAGATCA  AATAGTTGAT  TCCTCTGCCT  TTTGGGGAAC
293351  ACTGGATGTG  CTTTGTGGTT  GCCCATCAGA  ATGAAGGTTT  CTAGTTGGCT
293401  TGCTTTTCCA  GGTGCTTTTC  TTACAGCCTC  TGCTGCCTTC  TGAGCTGGAG
293451  GTAAAAGAT  GCCAGAGCAC  AGCATAGACA  CCAAGGCTCC  CTCCCCAGCG
293501  TCCACTCACC  TGAGGCTCCC  TCCCTAGCAT  CCACTCACCT  GAGGCTCCCT
293551  CCCCAGCATC  CACTCACCTG  AGGCTCCCTC  CCCACCATCC  ACTCACCTGA
293601  GGCTCCCTCC  CCACCATCCA  CTCACCTGAG  GCTCCCTCCC  CACCATCCAC
293651  TCACCTGAGG  CTCCCTCCCC  ACCATCCACT  CACCTGAGGC  TCCCTCCCCA
293701  CCCACCATCC  ACTCACCTGA  TCCCTCCTCA  GCATCCACTC  ACCTGAAAGG
293751  AAAGTAGTCA  AAAGCAAAAA  ATAAACCCTG  ACACCAAATC  ACCAGCAGCA
293801  TACAAAGTTT  GGAGAAGTGT  CATGTACGGA  AATGTCTTTA  GAAACCCTTT
293851  TTAGGACCTA  AAACCCCTTA  CCTACTAACC  ACCAACCCCC  TTCCTCCCTC
293901  CTGTCCCAGC  TGCCACACTG  TTCTCTGCCT  CTGTGACCAC  GATGATGTCA
293951  GGTCCTTCCT  CTGAGTGGAA  CCGCAGGGTG  CTTGCCTTCT  GTGGAGAGGC
294001  CACATTTACC  TAGCACAGTG  TCCTCACAAC  TAGCCCATGT  TGTAACATGT
294051  CAGAACTTTA  TTTCTTTTGA  AAGCCAAATA  ATATTCTACT  CGAAATGTTG
294101  GATAACCAAG  TTGGTACCAG  AGTTCTCCAA  AGCAACACTC  CCAACCACAA
294151  AATAGGAGTG  AGGTCTATAA  ACTTGAAAAT  TATGCAAGGG  GGAATAAAAT
294201  TGTTTATATA  GCATAATGGT  ATGTTTATAG  TTCAAAAGTA  TCATGTTAAA
294251  TAGTTTGAAA  TAATGTATAA  CTAGTTCTCT  AAATATAAAG  ACATTGTTCT
294301  AATGAGACAG  TAGGCAGTCT  TGACCTGAAA  CTCCTCAGAG  ACTACAGCAA
294351  CTGTGAACAT  CTCTTGTAAG  AAGTTACCTA  GAGATTGTTG  CAGGGAAATA
294401  TTAAAAAGTA  AACCTGGTTG  GCCCATGCTC  CTGCACTCCT  GCCAAACTGC
294451  CACAGGGCTC  CCTCTGGGCC  ACTCTCTGGC  GGGCCCCTCC  CCCCTCAGTT
294501  CCTCTCACTA  CCACATGGTC  AGCCATCACA  TCACAATATC  CAGTACCCTG
294551  GTAGAATCAA  GACTCTTAAT  GCTGAACCGG  GTGTGGTGGC  ACATGCCTTT
294601  AATCCCAGTA  CTCGGGAGGC  AGAGGCAGGC  AAATTTCTGA  GTTTGAGGCC
294651  AGCCTGGTCT  ACAAAGTGAG  TTCCAGGACA  GCCAGGGCTA  TACAGAGAAA
294701  CCCTGTCTCG  AAAAACCAAA  AGAAAAAAAA  AGACTCTTAA  TGCTTAATTA
294751  GCCAATCAGA  TTTATGTATC  AATAATATCA  CAATTTACAA  GATGCCAATA
294801  CAATAATTTT  AGAGCCAATT  GATAATGATA  AAAGCTTTAT  CCTAGTATTG
294851  TGAAATCATA  GCTACCTGTG  GCTGGAAAAC  GCCATGCGGG  TTCACGTCCA
294901  CAGCCATCTT  CCTTCTCCTA  CTCTGAGATG  CTCCCTGTCT  CTACAACTCT
294951  TAGCTCAGCC  TCCCTTTTCC  CTGTACAATC  ACAGGCCTCC  CACTGCCCTA
295001  ATGTGATTGG  ACAGGGAAAA  TCCTACAACA  TGTGATAAAA  CTGACCACTT
295051  GTCACACATC  AAAACTACAG  ACGCAGGAAC  ACAAAAGGGT  GGGGCAGGGG
295101  ATGCAGACTA  TCACTTGAGA  ATCAGGAAGA  TATGAGGCAC  CCTACAAAAG
295151  CAACAGAAAT  CAAGCATTGT  GAGGGGCAGG  GGGAGAGGGG  CACAGTGTGT
295201  GTTCCAGAGT  GTCACAGTCA  GAGGGTTTCC  CTTCAAGTGT  TTATAATATT
295251  TTTCCTTGGT  ATTGTATTAC  ATATTTAACT  GCAGGTTGGG  AGGGCAGTCA
295301  GGTCATCTTC  CAATGTAACT  AAAAGCAGGC  GGTGGAGGAA  AGCTCTTCTG
295351  CCACTTTGAA  TGTCATTGAG  ATTTAGCCAC  CTTCCTGCAC  AGCGTGTAAG
295401  GAGGGGTCCA  GGTGGAACAG  TGGACGACTT  GATTTCATAA  AATCGTTGCT
295451  GTTGATTTAT  TGGACAGCAG  TAACATCTTC  ATTATTCAGA  TTGCCTCATG
295501  GTCCTTTTTA  AGTTGCAGAA  CTGACAAATA  CTGAAATGGT  CTTCGACACT
295551  GCTCTAGAGT  CTTGGCAGCT  GACGGTTCTG  GAGTCGGAGA  CAAGGGCTGT
295601  GGGACCCACA  GCTCTTCTTG  CAGGGTCTTT  TATCTTCTCG  TTGAATCGGA
295651  AAATGAAGCA  GGGGCTGGTG  ACTGTGGAGT  ACGCTAAGTA  AACTGTGATG
295701  CAGCTGGCCA  GCAAGTGTCA  TACAGATGCT  GTGGCACATA  TGACCGCGCC
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103

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`295751  TCACCCTTAG  CACCGCTGCG  GTCATCTTGG  ATGCTTAGAG  TCCCTCTCAA
 295801  ACTTCCCTTG  GCCTCTGTCT  CTGGCACACT  CCAGTTCCTC  CACCTTTGCA
 295851  TATGCGGTTC  CCTTAGGAGG  GGCTGGACCA  CCCTCTTTAC  CCAGCATTCT
 295901  CTTTTCAGGA  GCTAGCTTTA  GCTTCTTCGC  TCCATGGCTC  ACATCCAGTT
 295951  AGAGGTCCCC  CTCCCCGCCC  CCCGTAGAAT  GTCAGTGTCT  GTACAGTGGC
 296001  ACAGTTACAG  CCACACACAC  ACTGGCACTC  TTCAGAATCC  TGTTTAGCAA
 296051  GTGTAAGGTC  AAGCTCTCCC  CAGCACCTAC  TCCTACGCTG  TAGGCTTGGC
 296101  TGGGATGGTG  AGACAGCTCG  AATGGCTTCT  AGTCTCTTCT  CCCATCACAT
 296151  CTTGCCTCTA  TGGCTTGTTT  TTTTCCTCAG  GGAGAGGGGA  TGCTCTGGCT
 296201  TCCTGCTTCT  GTACCTTCTA  TTCTGGGCGA  TGTTTTATAT  TGAGGCTGCC
 296251  AGGAGAGAGA  AGCTGTCAGT  TTGGCCTCGA  GCCCCTCCCC  ACGACCCTTC
 296301  AAGGGGAGCA  GCACTCACAG  CTTGGAGCAG  CACACTGCTG  GCCCCCAGGC
 296351  TGGTATTGAG  GGGAGTGGTT  TTCAGCCAGA  GCTCTTGATA  AGATTTCTGA
 296401  CAAAAAGAGA  CAGGAGTTTA  AAAAACAAAA  ACAAAAAAAA  CCTTGTGACA
 296451  AAATAGTGTG  TCCGTGAGCA  TGATACATGT  TTGTCTGTCT  ATATACACAA
 296501  GGAGGCAGAA  TTAAGCAACT  ATCCATGGAT  TTTTCTTCTT  AGATCTTCTG
 296551  CAGTGAACAC  TTTTAAGAGA  TGCTAAGCGG  ATGGCCTAGT  TGGTCATCAA
 296601  AGGGAGGAGA  GGCCCTTGGT  CTTGTGAAGA  TTCTATGCCC  CAGTATAGAG
 296651  GAATGCCAGG  GCCAGGAAGC  AGGAGTGGGT  GGGTTGGGGA  GCAGGGGTAG
 296701  GGAGTAGGGG  ATAGGGGATT  TTCGGAGAGG  AAACTAGGAA  AGGGGATAGC
 296751  ATTTGAAATG  TAAATGAAGA  AAACATTTAA  TTAAAAAAAA  AAAACTGAAG
 296801  GGGGGGGCGG  TTTCAGCGGC  ACGCACGGTT  CAGCCCACGA  AACTGAGCAG
 296851  TACAAAAAGA  CCGGAAATAG  TCGCCTATCT  GCCCCGCCCC  ATTCTCAAGT
 296901  CTTCCCTATA  TGAGGTGCTT  GCTTTATTCA  ATTTCCTGTT  CTTTTCCTCC
 296951  TCAGGTGACT  GGATGGCCGG  AATCCCCTCA  CACATCCTCA  GCAGCTCGCC
 297001  ATCAGACCAG  CAGATTAACC  AGCTGGCTCA  GAGGCTAGGC  CCGGAGTGGG
 297051  AGCCCGTGGT  CCTGTCTCTG  GGACTGTCCC  AGACCGACAT  CTACCGCTGC
 297101  AAGGCCAACC  ATCCCCACAA  CGTGCATTCG  CAGGTGGTGG  AGGCCTTTGT
 297151  CCGCTGGCGC  CAGCGTTTTG  GGAAGCAGGC  CACCTTCCTA  AGCTTACACA
 297201  AGGGCCTCCA  GGCAGTGGAG  GCTGATCCCT  CCCTGCTCCA  GCACATGCTG
 297251  GAGTGACCTG  ACCCCCCCCC  GCGCCCCCCC  CCCACTTGCT  GTGGGGGTGG
 297301  TGGGGCGTGG  GTTCCCAAGT  CACACTGGCT  GAACCGGACT  TTTCTCAGCA
 297351  GGTGGCTTTG  TTCTGGGCTT  TTCAGTGATC  TGTTTACGGA  AAGAGATCGT
 297401  CCACCACTCA  CTCAACCATC  GATTGGCTTT  AATTGCTTGA  AGACTGCGCT
 297451  GTTGTAACTA  TGGTTTGGAA  CTTTGTGGCT  GGCCTTTAAC  AGGAGGCCAG
 297501  AAAAAACACA  ACACCCACCC  TACCCAACCC  CCCAAAAAAT  CATGCTACAG
 297551  CATCGAATGC  AGGTGTCCTG  CATACAAGGC  AGCTACACTT  GTGTTGCCTG
 297601  GAGACTGGAT  TGTGCATTTA  GCTCTTCATA  ATGGTGATGA  TAATAAAAAA
 297651  GCAAATTGTG  ATATAGAATG  TGCCTCTTTC  AATGAGAGAG  TATTATATCA
 297701  CACACACACA  CACACACACA  CACACACATA  CACACACACA  CACCACTCTT
 297751  CTGTTGCATA  GACGGAGGGT  GTAAAAATAT  GGGAGTGGAG  CAAGATTGAT
 297801  AGCAGTCATG  TGACGACGGA  GATAAATAAC  TCAGGCAGGA  TGTATAGATT
 297851  AAGCATGAGA  CACCGAAGCT  CCCTGCAGAG  GCCAGGGAGA  GAACGGAAGA
 297901  CCTTCATCTT  AACAAATTGT  ATGAGGAGTC  TCTGTCCATT  TGTTAAAGGC
 297951  ATTGGATCAG  AGACAAGAGG  GCTCAGTGTT  TCTCTTGAGG  CCTGAATGGC
 298001  TGAAGGCGGT  GAGTTCCCGA  GGGGCGTCAT  GGGTTGTCCA  GCCTTTCATT
 298051  AACTGCACAT  AGTGTTAGCC  AGACAGGTGT  ACGTGTTTGT  CATCCCATCT
 298101  AAGAGACTGA  AGCAGGAGGA  TCACCTGTAC  ATGACTGCTT  CTTTCAACAT
 298151  TTTAAAATGT  GTAACTTCTA  TTAAATTCTC  TCAGTGCAAA  TAAAGTGCGT
 298201  GTCCATTGTG  TCCTTTCAAA  AACCTAACAA  TAGATAAGAT  GAGGAGAAGC
 298251  AAGAGTCTCC  TTGTACTCCC  CGCAGTCAGT  CAGCTTTGCT  CTGCTCTGCC
 298301  GTCAGTTTCT  TAGTTAAGCC  CGCCCGCACA  TCCCTTCTGC  AGCTGGAGCA
 298351  GGATTGCCCT  GTAAGGCTCT  TTAACACTTG  GCTTCGTTGC  CTTAACACAT
 298401  AGCACTTGTT  CCAATGCCAA  AGGCCTTTAC  AACATCCTTT  GCTCTTAGAG
 298451  CACACTTGCA  AGAGCTATCG  TTTTGGCAGC  ACCTTTAAAG  AGATTGAAGG
 298501  CACTCAGCTT  CTAAGTCTAC  CAACTGCTTT  CCCCATCAAG  AAGTTCGCTG
 298551  GCATTGCAGT  TCTTGCTTGA  CACACCCATA  ACCCCACCCC  ACCCAGAACC
 298601  AATCCGAGCA  AACTATTGTT  CACTGCCTGC  ACTGTGCACC  TTGCATCCTC
 298651  ACAAAGCTTA  GCATGTCTGC  ATTCTGAGTT  TTGTCCCTTG  CCCCAAGATG
 298701  TCCTCTCCAC  TGTACTACAT  CTAATTACCG  CTGTGTTTCT  TTTCTTCAAG
 298751  AGAATGTTAG  GGGAGGGACA  GTCAACACAG  AAGTTGCACA  CAGCCCCTCT
 298801  GCTTCCTGAG  GGTGTATGCG  CAATTGACAG  TTGCCGGAGG  GAGAGACTGG
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104

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298851  CAGTATAGTT  GTCACCTGTA  AGTGTCCCTG  TGACTTCTCA  CCATTGTCCT
298901  CACAAGTAGT  CCTAGTAAAA  CTCATTCTTG  TACCAGTCCA  GATTTGGGTG
298951  GAGTGGTTTC  TTTGGTCTGT  CATCTTCAGA  AGCCCTCTCT  GAGGCACACA
299001  GACATTTGCT  CAGATCTTTC  CGGAAAAGCT  AATGCGGCTG  AGAGGCTAAT
299051  CTCATCTCTG  TTAATTGAGG  ACATTAAAGC  CGACCAACAA  AGACACAAGC
299101  CCTACTCTCT  GGAGCTCACT  GCCACATGAG  ACAGCCACAG  ACCTCTAATC
299151  ACAACATGAT  GTGACAATTC  CACTCCTGAG  TACTGAGCCA  GTGGGAACAG
299201  AGCAAAGGA   CCCCCTCTGG  TTTGCTTTTG  AGGGGATGGG  GGGCCTGAAG
299251  AAAAAGAAGG  CTCCGTCACT  CAGGTAAATC  ACTCCACCTT  CTTGGGCAGG
299301  TTTATTCACG  TATGCACACT  AACTGGTCTA  TGAGTGCAGA  GGATCTGCCA
299351  GAGGTAAAAA  AGATAAATTG  TTCATACAGT  GGGTTTGGAC  AAGGAAATGT
299401  CTGAGCTGAA  TTATTTTGGC  TACTGAGTTT  TGTTTTGTTT  TGTTTTGTTT
299451  TGTTTTCCCT  AATATTCTTT  ATCAAGCCAG  GGTCCCTCAA  AATGTTAGGC
299501  TGAGGTCCCT  CATCCTTCTG  GGGCTTGTAC  AGCAGCTGAG  AGTGTGCAGC
299551  TCTTCTGGGC  ATCCCTAGGG  ACTCAGGGTA  AGGAAAAATG  AACTGGCAGC
299601  ACACGGCAGA  GCATGTCCAG  AACCTGGGTG  GGACTCTGAT  CTAACACTTA
299651  GCTCTCATTA  AATGAATCCC  TACAGTTGGG  GCACAAATTC  TTGCTGGTTA
299701  CAAAACACCC  AAGTTACTGG  AGATCCGAAG  ATAAATAAGA  CACAGTCTCT
299751  GCCCAGCAGG  ATCTCGGCCC  TCCAGGAAGG  CAGCCATAAC  AGCCAGGCAA
299801  CTCTGACACT  TCACAGAAAA  GGGAGCAATT  AAGTTGGCCA  CAGAGGAGAT
299851  GACACTTCGG  CTGAGCTCTT  GTAAGCCCTG  CCCAAGTTAG  CGTGATAGCC
299901  CCCCCCTTAG  GGGATATTAG  GAGACACCAG  AATTCCATTT  AATGTCTTCT
299951  TCATCCAGCT  TGACAAATGG  CACTCCTTCC  AAATGTCTAC  AAGATGCATA
300001  TGCCTCCAAA  ATGCTATCTC  GGAGCCATTA  GAAACTAAAC  ACATTGACAA
300051  ATACCATCCT  GTTCCATACT  TCTTTATAGC  AGTGGAGTGT  TCAGCCACAG
300101  TAAAATCAGG  ATCAGGCTTC  AAGGATTTAG  GTATCAGGCA  TATTTGAGGG
300151  TGCTTTTTAT  AGCACCCCTC  TCTCCCCCAC  CCCAACACTT  GTACAAATTC
300201  AAAATAGATG  TTGCAGCATA  CAGGGAATGT  TTTTAATATA  ATGTCTTGTT
300251  TACTTCCCTG  AACTATAAAC  ATCTGAGAGG  AACAGGGACG  TCTGTCTTGT
300301  TGGCACTTAC  TGTTCTTATA  GGAAAATTAA  AGTCTCTCAA  AGACACAGTT
300351  CAGTGAGCCA  ATTAAACCTT  GTCTCTGCTT  TGTTAAGCTC  ACGAGAAACA
300401  TATGGTAGTG  ATTCTGATAG  CTATTGTTCA  TTCAAAGCAT  CAGCTATGAA
300451  ATCCAGGTTT  GAATGCTCAG  AAAGAAAAAG  CAGATTCAAC  ATCTTGGCAA
300501  TAAGCATGTA  TTTCCATCTC  ATTTTCGTAT  TTTATCTCTA  GCCAGTGCTG
300551  TTTTGGGTGT  CACATTACAT  TCTTGATGGA  GAGTATTTTC  GGAAAATGTA
300601  AAATGGGCTG  GATGTCATGA  AATAATTATT  CTTTTTGCTC  TTGGTGACAC
300651  TTAACCGTCC  CTGTTTCTAG  GCAGACAAAT  TGGTGTTGTG  AGCACCTTGC
300701  CAGTGCCAAT  GACTTCGAGG  TGACTTAGCT  CAGTGCTGAC  CCCGGATGAG
300751  GCTGGATGCC  TCCTCATGGC  TAAGCTGGAA  ATAGATGGCA  ATGACCTCGC
300801  GCCTCTGGAA  CACACTTTGA  CCAAGGATGA  GGCATCTGCG  CAGGGGATGT
300851  CTATGAAGGC  CCAGAACATC  TGCCGTAGGA  AGTGGTTCTT  CTCCATTGAA
300901  GGGCACAGAT  TTCTTCCTTT  ACAAATATTA  GAAAATGATA  GAGACTTTCT
300951  TCAGAAAACA  CATTGAGCAC  TTGCACACTC  TGATGTGCAC  AGATGCAGAC
301001  ATGTACGTAT  AATGTTCTAC  ACAGACATGT  TGACATATAA  TTTTGAAGGA
301051  ATTTTCAGTA  CTTCTGAATC  CAATTCATTC  TTCCCAAGAA  CTACTCATGT
301101  GAACCCTGGT  CTTCCTGCAC  CAAACTAGTC  CACCAAGAAT  AATTTTTTTT
301151  TATTGTTTTA  AATAATATTG  GGAAGCCTTG  AGTTCAGTAG  GGTGGAGCTG
301201  TTTGTATTGG  ATTACACAAG  GGTATAAATC  ACTGTGAAGG  TGTTGAGATA
301251  AAGATAGAAT  CATTTATCTG  AATCCAGATT  TTTATATAAC  TGACCACAGA
301301  TCTTTTCTTT  TGGGGAGGGG  CACTCTTAGG  CTGACAGTCC  TCTGGACCCA
301351  CCTCTTGGCA  AAGAAGAGTT  TACAGCTGTG  AAATGTATGA  CAGTCTCTGC
301401  CTCCAAGGGA  CTTCCTGCCT  TCACCTTGTC  TCTTTAGAAC  CAGAACTCCT
301451  CAGCGAGGAA  GAAATGAGTG  TTTTATGCTT  AGCACTCTAA  GAATGGTTGG
301501  TTTCTTGGGG  GAAATCAGAG  AAAACAGAGT  CCCATTTACT  TCACACACTG
301551  GGAAATTGTT  CCTAACAACA  TCTTTTTTTG  CAATCATCTG  CTTGAATCTC
301601  GTTTCTCTTA  GCTTCTGGGA  GCAGTTATTT  TTCTGCTCAG  AAAACTAAGC
301651  TCCATGCTGG  CTTTCTGGTG  AGGGAGTGGA  CCCTTTGATT  GTCTGTTTTC
301701  TGTCGTCAAG  ACATCATCTG  TCACTCAATA  TTGTCATCTC  CTGCTTCCCA
301751  GGGGACATCT  TGTATTAATG  GCTATAAATA  AACCCCAACA  CGCCCTTTCT
301801  GAAAGTGTGA  ATAACAAAGC  GTACCACACC  GGTCAGTCAG  GATAAGATCT
301851  CGCTCAGGCT  CAGGGTAAGA  ACATTCATTG  AGGAGGAATG  GAGTCTTTGG
301901  AGTTTTGGAG  GAAGATAAGT  AAAGACATCC  ATCACTCATG  GATTTCATGG
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105

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301951  GAGTCGGGAA  GAAGGATGAG  GTTAGTTTTA  GAGTACACAG  AGACTGGCGT
302001  TCCTTTGCAG  TTAGTCAATC  CCTACAACTA  AAAAGGATGA  AGCATTCCTT
302051  AGGAATCCCT  GCTTTCCCAG  GGCAGAGGAT  GTAGGTTCAA  CATTGTCAGG
302101  CCCCATTTTT  GTTCATTTTG  TGATACTGGC  CTTTGCTTCG  GGAAGTGTCC
302151  AGGATACTTG  TTAAGTGTGG  ACAATTTAAC  TTTGTTTTTG  TTTTGTTTTT
302201  CTTTCTTTAA  AAAAAAAAAA  GATTTATTTA  TTTATTTATT  TATTTATTTA
302251  TTTATTCAGA  ATACATTGTA  GCTGTCTTCA  GACACACCAG  AAGAGGGCAT
302301  CAGATCCCAC  TACCGATGGT  TGTGAGCCAC  CATGTGGGTG  CTGGGAATTG
302351  AACTCAGGAC  CTCTGGAAGA  ACAGTCAGTG  CTTTTAACTG  CTGAGCCATC
302401  TCTCCAGCCC  GAATTTAGCT  AATCTTAACC  CATCACCTTT  CACTTTATAA
302451  TTGTTACTGT  TCTTAGAGAG  CACAGGGCTT  GGATAAAGTG  AACAGTGGTA
302501  AAAGTAAGTT  TTGTTGTTGT  TGTTTTGCTG  TTTTTTGTTT  GTGGGAACAG
302551  GACCAAGGAT  GGTGGTTGAG  AGGTGAAAAA  GTCACATGAT  AGATCCCAGG
302601  TCTCAGACTC  TGGAGAGCAG  CATTGGGGTG  CAGATCTGAG  TTTATTGCCC
302651  AATGCATAAG  CTTATATGCA  GTGTTTGAGC  CAATCATATC  GTGCCATGCC
302701  ATCACCGTCA  CCATGCCCCA  ATAAAAGTCC  CATCACCTGT  TAGGACTTCT
302751  GAGAAGATGT  GGGAAGCAGT  CACCACCCTG  GCCTTGGTTC  CTATGACTAT
302801  CTTGCTGGTG  TTCTAGAGCC  ATCTTAGATC  TAATGCCCTG  GACAGCAGAT
302851  CTGGATTCTT  CGAGGAGTCA  CAGGAGCTGT  GGTGCCTCGC  TCTCCATCCT
302901  ACTTTTCCCT  TCACAAGGTT  GACCTCCACG  TCCCCCACAG  TTGTTTGTTT
302951  TTACATTTTT  ACAGGCTGAT  ATGATGTAGA  TATCATTTGT  TCCTAAGGAT
303001  TCATTTGTTA  GTAGCATGGT  CGGTGTGGTG  ATGTGGGAAG  TGAGATCTTT
303051  AAGAGTCAGG  TCTGGTGGAA  GTCTTTAGGT  CTTTAAAAGC  TCTTCATGAA
303101  AAGGAATTAA  GAACCTTCTA  GTGAAATCCT  GGGTTTTTCA  GAGGGTGGGT
303151  GGTTACAGGA  TTAAGAGTGA  CCCCTGAATG  CATCTTTGTA  TGGAGTTCTG
303201  CTTTCCTGTT  TGGCAATAGA  TCTTTCCTAG  TAGCAAGCTC  CCCTGCCGTT
303251  AGGCTCAACT  CTGCCAGGGA  CAAATCAATG  GAGCCATCCA  ATCTTGGCTT
303301  TTCCATCTCC  AAAACTGTAA  TCTAAACAAA  CCTCTTTCTT  TATAAAGCTA
303351  GCCTTCTTTA  GCTATTCCAT  TGTATTAATT  CTAAACAAGA  GCCTGAAACA
303401  CACTTGAAAG  AAGAAAAATC  AGCGTTGTAA  GATTTGTGTA  TGAGACAAAT
303451  CAGACTCATA  TTTCAGGAGC  CCTGTTCCGT  AACAGACACT  TGTCTCTGTA
303501  TTTAATTTGG  GAAAAGAAAA  ACAAATGGCC  TTCATCACTA  ATGCTAAATC
303551  AAATGAAAGG  AAACAACTCT  TCTTACCGTT  CTAGAAAACC  ATGGGATGAT
303601  TTTCAGCTTG  GGTCAATCGT  GAAAGCTTTT  CGTATAACTT  CCACAAATCC
303651  ATTCCACATA  CATTCATCCG  CTTACTAAGC  ACCTCCAGTG  CACCAGGCAG
303701  GAACTTGGGC  CGTGAGCTTA  GGTACTCGAT  GCAACAGTGC  CAAGTTTCTT
303751  CCCTGGAGGA  GCTCCCCATT  GCCGAGAAAA  AGAACATAAC  CAAGAAACTG
303801  CTAGAGCCAG  AGGAAGGAGA  ACTATTCAAT  GTATCAGAGA  GAGCCTCATG
303851  AGAAGGCCGC  ACGCCAGTGG  ACTGACTTAC  GCCTGTGATC  CTAGCACACT
303901  GAGGGCTGTG  GCTAGCCTGT  GGTCCTAGCA  CCCTGGGGGC  TGAGGCTAGC
303951  CTGTGGTCCT  AGCACCCTGG  GGGCTGAGGC  TAGCCTGTGG  TCCTAGCACC
304001  CTGGGGGCTG  AGGCTAGCCT  GTGGTCCTAG  CACCCTGGGG  GCTGAGGCTA
304051  GCTAGCCGTT  GACTCACTTA  CTGGGAAACT  CATCAAGCTA  TATTTTTCTA
304101  CAAAACATTT  AGAAACATA  GAATAGAGCA  GTGTAGCTCC  CACATGGAGG
304151  TGAAAGGAGT  GGAGCTGTTT  AGAGACTATG  TGTCCCCTAC  ACCCAGAGGG
304201  TCCCCCAAAC  CCAGAGGATC  CCCCTACACC  CAGAGGATTC  CCCCCACACC
304251  CAGAGAATCC  TACACACCCA  GACAAGGGTA  GATCAAACCC  TTGAAGATAC
304301  TCTTGAGAAG  ACACCAGGAA  CATTTGTATG  GAGCTGACTT  TCTCTTCCCC
304351  TGCGTGCATG  TGTGTGTGTG  TGTGTGTGTG  TGTGTGTGTG  TGTGTGTGTG
304401  TGGTGGGGAG  GTGCTGCTGG  TGGTAAGGCT  TGTTTTAAAA  CCAGGCAGAG
304451  TTTGGATCAC  ACCTTTTAGA  TTAAAAATGT  GAGAGGAGAA  ATCTCAAGAC
304501  CTTCAGGTGC  CAGTATGCAC  TTGCGACCCA  AGGTGGAAGA  GGGGACTACT
304551  TCCCACACTT  ATCTGACATT  GGCGTCTTGC  TATGACACCA  CCTATGAATG
304601  TATCTTTGGA  AATACTTGTT  TCACAGACAT  ACTGAGGTCA  AGAATATTCA
304651  TCCTTGGAGT  GCAATGGGAA  AACTAGTAGC  TCACGGGTTC  CAAAAATAGC
304701  CAAGACTCTT  TAAAGGTCAC  GGATAGTATC  TCAAGTGATA  TTTAAACAAG
304751  GGTAATTTAT  TCTCCTTCCC  ACCCGCAATC  CATCTTCACC  AGTGTAACAC
304801  CTCACATTAC  AGAACACTTG  CAGAGAGACA  TATGGTTTTC  TGAATCTTCC
304851  TTTCGTCCTT  TAATGATGGA  TACATCTGTC  ATATTTTTCA  CTCCTATGAC
304901  TCCACTATCC  TTGCAAGTTT  TCTCCTTGGC  TTTTTTTTTT  TTTTTTTTTT
304951  TTTTTTTTTG  AGACAGGGTT  TCTCTGTATA  GCCCTGGCTG  TCCTGGAACT
305001  CACTTTGTAG  ACCAGGCTGG  CCTCGAACTC  AGAAATTCAC  CTGCCCCTGC
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106

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305051   CTCCCAAGTG  CTGGGATTAA  AGGTGTCTCC  TTGGCTTTTT  GTGAGTTTAA
305101   CCTGAGCCAT  AGCATGTGCT  GCATGCACTT  TGGTGGCCAG  TGGGCTCTCC
305151   CTCTAGTTAT  CACCAGATGC  CAGGTGGCAC  CCATACTCAA  GCAGGCAGGA
305201   ACTAGGTTTT  TCCCCTAAAA  GGAACTGTAT  CAGGAAACCT  GTCTGCTGCC
305251   CAGGCATTTT  CTGTCTGCTC  CCATTCTTAC  TACTGTCTTC  CTATTTGCAT
305301   TCTCATTTGC  TCACCTGGAG  CCTCCTCTAC  TGAGCCCTGA  CATAATTGAC
305351   CTTGACTTTC  ATCTTCTGTT  TGTCTTTCTA  GTGCAGTGTC  TATTAAAGCC
305401   TCCATTTCAG  CAATTCATCC  TAACTATGAA  TAGTACCACA  CACACAGAAA
305451   CACACACACA  GATATATACA  CACAGATGTA  CATACACACA  GATAAACACA
305501   CATACAGATA  AACACATACA  GAGAGACATA  CATACACAGA  TGCACACACA
305551   GATACACGCA  CAGACACACA  CACACACACA  CACACACACA  TTCTACTACA
305601   TGGCATTTAG  AAACATTTAG  AGACTCTTCT  TTTTTGCAGT  GAGAGTTGTC
305651   ACCATGCATC  GCATTGGAAG  AATAGGGGTG  GCAGAATCTA  TGGATATCTG
305701   GCATACTACA  GATAACTGTA  GATGATAAAG  AGATGATCTG  CCCAAAGCGA
305751   CAGTGACACT  ATAATGTTAG  CCACCATGTT  GGCTGCCTTT  TCTAACCAGT
305801   GCAACTTGAC  AACGTAATCT  AAGAGAGAA   AAGTTTATGT  TGGCTCACAG
305851   TTTCAGGAGA  CACAGCCCAT  CATGGAGGGA  CATACATGCT  GGTGGCCATC
305901   TGTGGCAGCA  GAGCCTGGAG  CAACACCTCT  TCAGAGCATG  GCAGATCAAG
305951   GAGCAGAAAT  GGAACCAAAA  GTAGACCCCA  ATTCTAACCC  TCAAGAGCTG
306001   TCCTCAGTGA  CTTATTGTCT  GCAGGAGGGC  CATGTACAAA  GGTTCCATGA
306051   CTTTCTCACC  AGTGCCCCAG  GTGAGGACCA  AGTGTTACAA  TACATGAATC
306101   TATGAAGAAC  AATTCTTAGC  CAATCTATAA  CCACTGCCGT  GGATCCAGAC
306151   CAGTACACTT  TGATAATATT  CAGTATCTAA  AACACTACCC  ATGCTGGTGT
306201   CCACTTGCTT  CTTTTCTGGG  AACATCTTAT  GATAACATAT  CCTTTAGGCT
306251   TTGACGGGGC  CATTAGCCGT  ATATAAGCTT  TCTCTTCTGA  ACCACAAACG
306301   TCTCAGCAAA  CACCGTGGGG  GCTCCTCAGT  GTGAGCATGA  TGCAATCAAT
306351   GGGAATGTGT  TTGAAGACCC  AGAAACACTC  TCTGCTTTAT  AGAGAAATGC
306401   CTATCCCTTG  GCAAAAACAA  CAGCCATGAC  CCAGGCCAAC  TATCTCTTTT
306451   CTGATTCCAA  GGTCAAGCAT  AAAGAAATGA  GGCTTACTTG  ACATCATGTC
306501   AAGATCCCAT  CTAACCTAAT  TCAGAGTCTA  CCATACATAC  AGTCATAATT
306551   ATGAAAGTCT  CCACAAAGGC  ATGAAACCAT  GAATGAACAC  ATGTGAGGTA
306601   GTCCTCCCAG  TTCAGTTCTC  AACATAGAAA  AAAAAAAGCT  TTCCCAGAAT
306651   GCAGAGCAAT  GCCTACCCTC  CCCGACTCCA  AGGACTCGTG  GATTAGTAAT
306701   GTAGACAGGC  ACTAGAACTT  ATCCAATTAG  CTAAATTCCT  GCTCTGTCTC
306751   TCCTGACTCA  TCCTGCAGGA  ACAAATCACT  TCTGTACAGT  GAGCAATGGA
306801   GGGGCAGGGT  GCAGGGGAAA  GAAGAATCAT  CATGGAACTC  CTGGTAGACA
306851   CCAGGCCTTT  GGAAATGATT  CTAAGCAAGC  ATGAATGCCC  TTTCATAACA
306901   AGAAACTGTA  GCAGATAAAA  AGCAGCTTCA  CTTTATGGGC  AACTAAATGT
306951   AGTATAAGGG  TTGGCAGCTC  TACCTTTATC  CTGTGCCTGT  CTCCCTTGAC
307001   TTGGGGTCAG  ATTTCTACTG  AATTTGCCAC  ATAGGTGTAT  TAATCACTAA
307051   GGGTTATGTA  CTGGCTGGTT  TTGTGTGTCA  ACTTGACACA  AGCTGGAGTT
307101   ATCACAGAGA  AAGGAGCCTC  CCTCAAGGAA  ATGCCTCCAT  GAAATACAGC
307151   TGTAAGGCAT  TTTCTCAATT  AGTGATCAAG  TGGGGAGGGC  CCATTGTGGG
307201   TGGTGTCATC  CCTGGGCTGG  TAGTCTTGGA  TTCCATAAGA  AAGCAAGCTG
307251   AGCAAGCCAG  GGGAAGCAAG  CCAGTAAGGA  ACATCCCTCC  ATGGCCTCTG
307301   CATCAGCTCC  TGCTTCCTGA  CCTGCTTGAG  TTCCAGTCCT  GACTTCCTTT
307351   GGTGATGAAC  AGCAATGCGG  AAGTGTAAGC  TAAATAAACC  CTTTCCTCCC
307401   CAACTTGCTT  CTTGGTCCTG  ATGTTTGTGC  AGGGATAGAA  ACCCTGACTG
307451   AGACAGGGTA  TCTGTCTAAA  ACCTGGCGAC  AGGAGACTGA  TTAGCTTTCA
307501   ATGTCCTCAC  CTACCCCACC  CTTTGTCAAA  GCTTAAAGTA  CAAAGACAAA
307551   AATAACTAAG  TTATTTTTCT  GCTATTTTTA  CAACATCCTG  TCCCAGACTC
307601   CACTCTCACC  TCCAGAGTGA  CCCAAACTCT  GCAGTCCTAC  AGTCACCCTG
307651   AATTCCAGAA  ACAGTGGAGT  GGCATAGGCT  GCTCATCCCA  GATAAGGAGG
307701   TCCTCCTAAG  TGCAAGAATT  ACCAGTGGCT  GGGAACTGGA  TCTGCCTCCA
307751   CACCCAGTTG  GGAGCAATCA  CCCCTTGGGA  ACTGGATTGT  CCCTCAACTT
307801   CGTAAGGACA  TCTCTGAAGC  TACATTTTGG  AACCAGAACT  GAGATAATGG
307851   TGAGTTGTGT  CCCAGTTTGA  GCAAGCCTGC  TTAAATAAGC  CTCTTCTTAC
307901   CTCAACCCTG  TTTTTCTCTA  CTTAGAGGAA  AAACTACTAT  CTGCACCCCA
307951   AAACGGGCTG  GAGTAGTTGG  TCTCCATCTT  TCTTTGACAT  GGCCTTGGTG
308001   ATAAAAATCC  CTCCATCCTT  TCCTTTGTCT  TTCTTTGGCG  GGTAGGGGAT
308051   GTGTATATGT  ATATGATGTG  TGTGTGTGTG  TGTGTGTGTG  TGTGTGTGTG
308101   TGTGTAGGCC  AGAGGCTGAT  GTCAGGTGTC  TTTCTTGACC  ACTCTGTACC
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107

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308151   TTCTATTTTG  AGATATGGTC  TCCCACTTGA  ACCTGGGGCT  CACTGGTTGG
308201   CTAGTCTAGC  TGGGCAGCTT  GCTCTGAGGA  TCCCTCATGC  CTTCCAAGCA
308251   CTGGGGTTGT  AGGCAAGCCA  TGACAACGGA  CTAGCATTTC  CATTAACCCT
308301   GGAGATTTGA  ACTCTGGTCT  TCATACTTGT  ATGGCAAGCA  CTGTATCCAC
308351   TAGTCTACCT  CCCCAGCCAC  CTCCTATACC  TTTTCCCATC  AACTCTGCCG
308401   GCTTTTCTTT  GGGACAGGTA  GCTGGATGTG  ACTTGTAATG  TTTCCAGCCT
308451   AGGACTTCAG  CTATAGTTTA  ATCATCTGAT  GTTCTTAGGG  ACCACAGGGT
308501   GAGCCTTGTT  TACCTTACTT  ATTTTGCAGG  CTGGAGAAAC  TGATGCCCAG
308551   GAGGAGTTGC  ACGAGAGGGG  ATGGAAAAG   TAAGGGGCTG  AGATAGAGAC
308601   TTGCTCTGTA  ACAGGTGGAT  CTTACATCCC  ACTCCTGGTG  ATACTGATAT
308651   ACATATATGT  ATATGTATAT  GTATATGTAT  ATGTATATGT  ATATGTATAT
308701   GTATATGTAT  ATATATGTGT  GTGTATGTGG  TTTAATTTTC  CCTTTCCCTG
308751   CTATTACAGG  GAAGACACAG  CTGCCTCACT  TTTGCCAGCC  ACACAGAACA
308801   TGAGCTCCTT  GTGGCAATCT  GTAAGGAACC  CTTCTCGCTC  TCGATCTCCA
308851   CCCCAGATCC  CCTCTTCGGT  GCCCGTGAAG  CCCAAGTCAA  AGCTATTCCC
308901   AAGATGAAAT  GTCATTAGCG  TCCTCTACTC  TTGGAGACAT  ACTCCTCCTG
308951   CCCTTTACCT  CCTGTCACCA  CACTCTGCTT  TCCACACAGC  TAATCTGATG
309001   TAGCCACCAA  CAGGATTGGG  ACATGGCCTG  TCATGTGGAT  TTGTTAACTC
309051   CAGCAAAGAT  TATCTAAGGT  TGCTCTTGGC  TAGAAAGTTT  GGGTTCCCAA
309101   GTAAAAGCCA  GACAATTCTC  TTCCCAGCTC  TGTAAACAAC  TTTCCAATGG
309151   GGATGCCCGC  TCCTGATGCT  GTAGGGCCCG  AGTGTTTCCC  AAGCCACCGG
309201   ACAGGTCAAG  CTGCCCTTTG  CAAGTTGTTG  CATGCAGACT  GGCCTCTTTG
309251   TTTCCCCCCT  CTTTTTCCTG  ACATTGTAAA  TTCCAAAGAA  ATGCTTATGA
309301   TGTTAAATGC  CAGAGTCATC  TCTACCAGGA  ACAAGGAACA  GAAAAACCCA
309351   GCAGGTCATC  AAGTCTTTCA  ATCAGCAATC  TTCCTGCACA  GAACCCAGAA
309401   TATCAGTGAT  TTTTTTCAGA  TAACGCCAGA  ATGAGCATCA  AAGAAGTGGA
309451   CCACTGTAGG  AGTCAAGATT  GCTCCGGCAT  TTACCTAGCC  ATCTGTAGCT
309501   AAAGAGTGCT  GTGTTAAATT  TGATGTGCAA  GTTCCTCACT  TACAGTTGTT
309551   AGGGAGGATG  GTTTGTTCTG  GACAGGAAGG  AATCTATCAG  CTTCAGCTTG
309601   CTGGCTTGCT  GCTGGTAAAA  GCTCCTTTCT  CTCCTGTCAA  GCTGTTTCTC
309651   AAGTCCCCAG  CTTCCTCAGG  AATCAGTAGA  ATGAGCCTTC  TCACAGTGAG
309701   AGACCGGAG   TTTACAGCTG  TAAACTTACA  GTGAGCACAT  CAGGCACTAA
309751   CATGCATGGG  TGGGATTTCC  AGGCACAAGA  GAGACTTGGA  ACATAGAAGG
309801   GAATCCCATG  GCCAGACTGT  CAGCATGGTG  GGGGAGGAAA  GATGAATGGA
309851   ATGTTTTGCA  GTCTCCCCAC  CCTTTCATCG  TTCTCAGTCA  GGATGGTTCC
309901   TTATAGCAAA  AGAGACCAAC  AAGAGATCAG  GAACCCAATG  TTTAACAGCA
309951   TGAGTGCCTG  GGTAATAGGA  AACAGAGAGT  AAGAAAGAGT  AAGTTCAGGC
310001   TGAAATCCCA  TCCGTTCCTA  GAACAGAGAG  GGGGGTGAGG  GGCAAGGCTC
310051   TGCGGAATCC  TGGCAGGATA  CTCAGGAAAT  GCTCAGCAAA  CATGATTAAC
310101   ATTTTCTGTG  TGCTTCCGCT  TCATGCCTTC  CCTGTTGGGC  TGCGTTTCTA
310151   GTTGCGTAGA  GTCAGCCATT  CCTCTTGGCG  CTGAGAGGAG  ACACCTTAGC
310201   AAAGGAAGAT  TTCCTTTTGA  GATGGAGATT  CCTCTATAAA  AAGGCTTTCT
310251   TCCGTTCTGT  CATCAGCTTC  TCCTGTACCA  ATAACCAGTT  CAAAATATTC
310301   CTTACACCGT  AGAGGCATGT  TGGGCGTGAC  ATATACCAGC  GCCCGACAGT
310351   CACATTTTGT  AGGAGCAGGT  TCTGAACTCT  AAGCATCTCA  TACCCCCCCC
310401   TTCCCCCACT  GATTCTTCTT  TTTAACTCTT  GAAATGGCTT  TGAAAAATAC
310451   TTCACCTGTT  ACCACAGACT  TCCTTGCTCT  TGGCTGGCTC  ACTTAGTTAT
310501   TTAGCAAACA  AGTTTTCCTA  GTGTCTCCAG  TGCACCACGA  TAGGTATACT
310551   TAGACGGAGG  CTACCATAGC  TGGAGAACAA  ACAAACAAAC  AAAATAGGCC
310601   CTACCCTCAT  AGAGCTTTTA  ATCTTCTTTA  AATTCATAAC  TATAGTAAAT
310651   GATAAGAAGC  AAACTACGTA  GGCTAGAGAG  GAGAGATGGC  TCAGTGGTTA
310701   AGAGCACTGG  TTGCTCTTCT  AGAGGACCTG  GGTTCAATTC  CCAGCACCCA
310751   CACAGCATCA  GAAACTATCT  GTAGCTCCAG  GTTCAGGAGA  TCCAATTGTC
310801   ATCTTCTGGT  CTCTAGGGTA  CTGCATACAC  GTGACATATA  TACATACATG
310851   CAGGTGAAAC  ACCCACACAT  GTAAAATAAA  AATAAATGAA  TCTTTATAAG
310901   GAAGCAAGCT  ATGAGAACAC  ATTAAGGAGA  GTTTCTCAGT  GAGGGGGGTC
310951   ACAGGCTGTG  GGTCTGGACT  CTGGATCTCT  CATCTTGGTC  TGACTTCCAT
311001   CTTGCTGGCT  CGGTTGGTTG  CTTTATTCAT  CTGCTGCTGT  TACTGGTGTT
311051   TTACGATAAA  ATTCCCAGTT  CCCCAAGTCC  TCACAGACTG  GGTTCAGTAT
311101   GGCAGCTGAA  GGGCAGAGAG  GAAGTTCAAT  CATTGACCCC  CGAGTTTATC
311151   CCAAGTACTG  ATGTGAATTT  TAGGTTCAAG  CAGAGGAAGA  ATTAGGGCAT
311201   TGGGAAAGAG  AGGTGCCTAA  TCAAGCACTT  TTGGTCAGGG  TGTGATATGG
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108

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311251   TTAATCACTG  TCTCAGGCTT  GCTTCTGCAA  GGTGGTTGGA  AGAAGTCCTT
311301   ATTGTATAAT  AAGGGACCAC  TTGTTTTTCT  CGAAGGGTTT  GTTTCTGCTT
311351   GGGGGTAATC  TCATCACCGG  CTGATCTGTC  TTCAAAAGTC  TGTTTCTAAA
311401   ACCCAAGGTA  GGTTTGGGAC  AGTGTCTGGG  TTTTGTGGGG  CACAGAGCCA
311451   GACCATGGGA  AAGGCTGATG  GTAAGACACC  TCGGTCACTC  TCATCTTTGT
311501   GTCTTAGTT   TTGAAGCAGG  ACAAAAATAG  GTTAGGTGTC  ATCAGGTTCA
311551   AGGGGGGACA  CTCCTTAAGT  CATCAATGTG  CCTATATGCC  GAGTTCCTAA
311601   GGAGTGGCCA  TTATGCCTTC  ACAGAGTTCA  GCTGCAGTCT  AGGGTTGCTC
311651   GTTATCAAAA  TTGAGAAGAA  CAAAGAAGT   TACGATAATC  CACATTTCTG
311701   TTTCATGGTA  AAGATTTAAG  AGAGTAATAA  TATGTACAGT  TAAAACATTT
311751   TTTAAAATGG  GCAATTTCAT  ATACTATTGA  GGAATATATC  ACTGTATAGC
311801   CTTCAGTGAA  GAGCAACTGG  TGGTTATAGA  CATCCCATAA  CTATGGATTC
311851   CACATTAAAG  AACTCAAATA  ACCAAGAACA  GAAAGTATTG  GAGATTGTTC
311901   AGGACTGATG  TAATCCCTAC  CACTATCCCC  AACACACAAT  AGTAAAATAG
311951   CTGTCGACAT  AACGCTCACA  TTGCATTGGT  TACTAACAGT  GGTCTTGATG
312001   TGACAGTATA  CCAGGGAGCA  TGTGTGTGCA  TTATTTGCAA  ATACTATCCA
312051   ATCCCTGTAA  GGAGCTTGTG  CGTTCACATA  TTCTGGTACC  TGCAGGGAAG
312101   GCACTAGAAC  CAATTCCCTG  TGCATAACAC  CAGATGACTG  TATACATTAA
312151   AATTAAAATC  TTAAATATGG  GTTTGATTCG  ATTCCACAAT  GATTTTTTTG
312201   GGAAGACTGA  AAATGAATGG  ACAAACCCA   TTACATCATT  GCTTCTAGGG
312251   CAAACTGGAA  ACAGAGAAAT  ACATGCTATG  AGAATCTATG  ATACTGTAGA
312301   TCCAAATATA  ACTGGTTTCC  TGTAGTATAG  TCTTTCTAAA  GGAGTGAATT
312351   ATTATAAAGT  AAATGAATTT  ACTTCCTTTC  AAAGAACATT  GAAAGAGTTC
312401   AATTTCATAA  CTCTTATCTC  TACTTAATGA  TGTATTTTTG  CTTTGAAGCC
312451   TTATTGTTAA  ATATTTCAAG  CACCACCAAC  CAGGGGAAAG  ACACAAGTTT
312501   AATTAATATC  TATTAATGAA  AAATGATGTA  TGAGATATAC  TGCTTATTAA
312551   AACCATCATT  ATAAAAGAGA  ACATATATCA  TGACCACTTA  TGTTTAAATA
312601   TATACAAAGG  CTCCCAGTAA  TTACACAGTC  GTTCACATCA  GACTAAACTT
312651   CCCATTAATA  ATGAGAAAGC  ACATATATGC  AAAGTGCTAA  AAACAGATTC
312701   AATATCAGGC  ATGAACTGAT  GGGTTATACT  CGCACCTAAC  TGACTTCCTC
312751   CCTACATGTT  CACACGTCTG  CAGGAAACAG  GCTTAGTCAA  CTAGGGAACT
312801   TGAAGGAAGG  AGTAACAGAA  GGTTTGGTCC  AGCGGAGAGG  GAGAGCCCAG
312851   ATGTATGTAC  AGAATCTTGG  CAGAATCCTT  AAGTGGAAAC  ATACAAGGCA
312901   AAATTCCAAA  GATCACAGCA  GAAAACAGCA  GCTGGAGTTC  AGAATGATGA
312951   GCAGAGATTT  CAGCAGCTGC  TTGGCACTGG  GAAGATAGGG  TTTGAAGTTA
313001   AAATCCTATC  GACTCAGGAA  AACGGGACAA  ACATCTCTAG  AATCCAGTCT
313051   GTAAGGCATG  AGCAGCGTGC  CTCTGCTCTA  TGGAGCACAT  TCCCAGAGTG
313101   TGAGCCGTAG  CATAGGACTG  AGGACAAAAC  TCAACATGAC  GAGCTTAACA
313151   AGGCTTAGGA  AACAGCTTAC  GCCACAGAAG  GGGTATCCAC  AAGAAGCTCA
313201   GCTTCCAGTG  GTGTAAAACC  AAATACCTGT  CAGAGGAAGA  GAGCATAAAT
313251   TCTGCTCTCT  GCAACGTCCC  ACATACAACC  AGGATCAGGG  ACGTGCAAAG
313301   AAGTAGAAAG  GTATGGATCA  GAACAAAGAG  GAAAAACTAA  CGAATGCCAG
313351   AAAATAAAGG  GATCTCCACA  AAGCAAGTGT  GGGTTAGACC  CAGCATATAT
313401   GGAACTTAAG  ATGACTATCA  AACTTCACAG  GGACAGATTA  ATATACTGTA
313451   TGAAGGTGTG  GAGGTTGTAG  AGAAAAAAAA  TAGAGAAACT  CTTAAGGGGA
313501   AAAAATGGAA  ACTTTAGAAC  TGACACACAT  TCTCACAACT  GAGAAAATAA
313551   GATATCTGAA  GTTGAAAAAA  AAGACACCTA  AATAATTGGA  AACATGTTGG
313601   CTAAGACTAT  CAGCAGTTTG  GAAGAAGCAG  AAGAAAAGAA  TGAGGCATTT
313651   GCAAAGTAAT  CAACAACATA  ACAGCAGTAG  CAGCAGCAGC  AGCAACAGCA
313701   ACAAAACCCA  TCAAGCTGAA  GAGAGAAAAT  ATTTGAAGAG  AAATGAGCAG
313751   AACATCAATT  ATCTAAAGGA  AAATGCCCAT  GAACATGCAT  TATCTGAAGA
313801   GTTAATAAGA  CCAAAGATAC  TTAAAGAGGG  TTGACTTAAT  AACTTCCTAC
313851   ATTTGAATAG  TAATATGATT  TTGGTTTTGA  GACAGGGTTT  CTTTGTGTAG
313901   CCCTGGCTGT  CCTAGAACTA  GCTCTATGGA  CCAGGCTGGC  CTCAAACTCA
313951   CAGAAATCTG  CCTGCCTCTG  CCTCCCGAAT  ACTGGGACTC  AAGGCATGTG
314001   CCGCCACCAC  CACCAGGCAA  TATGAGTTTT  AAATCTAAGA  AGGAGGAGGA
314051   GGAGATATCT  TCCTCAAGTG  ATAAAAGAT   GTATATACAG  GAGTCAAAGG
314101   AGAAGGATGC  CCAAAAAATG  TTCATCAGAA  GTAACGAATG  GTATAGACAG
314151   GCAAGGATTG  GGCTTGAAGG  TATTGCCACT  CATCTGTAAT  CTCAGTGTTA
314201   GAGAAGTAAA  AGCAAGAAAA  TCAGGCACTC  AAGGTCATTT  TTGGCTCCAT
314251   ACCAAGGTTA  AGACCAGCCT  GTACTCCATG  AGATACAGTC  TCAAACAAAA
314301   AGACTTCTCA  GTCTAACCTC  CCAGTAACAC  AGCATCCTCT  CCTTTAAAGG
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109

CCTAA	AACCTGTGAT	CCTCCTGCCT
ATAGT	CAGCCACTCT	TCTTCCCAGA
AGTCT	CTGAAATTAT	ACTAAAGACA
ATGTG	CCCAAGAAAA	ACTTATATCT
TGCCT	GAACCATGAC	CCTGTCAGCT
ATTTG	AGGGGAGGTA	TTTTCTCTCT
ATGTC	ACCCTTTCAG	GAACAGAATG
ACCAA	AGGATGATAC	TCTGGACTCA
TTTAT	TCTGCAGAAG	TCGGCATTCT
AGAGA	CGCTCAAATG	AGTTTGCAAG
TTCGG	GGTAGGTGAC	CTCTATGTTA
ACTCT	ATTACGGGTG	TGTAGGGGGC
AACTG	TTGCTGAGGA	AGTCTGGAAA
TCGGG	CCAGGTGGCT	GGGCAGCTGC
GGAAA	CAGGGATTTA	GGTGTTCTTA
AGTCA	GCCTAGCCTT	CTCACTCCGT
GCAGA	ACCAAGGGCT	CACTTCTTCT
CAGAA	AAATCTGTCT	CAGCTGCCAT
TACTG	TGTCCACTGT	GGCCTGGTCA
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GACGG	TGTCTCAGTC	TTTTTGCTGT
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GACTT	AGTCTATTAT	CATCATGGCA
CATGG	TGGTGGAGCA	GTTGAGTGTT
TCTTG	TCAAGAGTTG	CACTTCAATT
TTCTT	ATTCAACCAC	CACAGCAAAG
CAGCC	CAGCCCAGTC	CAGCATAGTG
TGCAA	AGCATTGAGA	TGAGACATTA
CACTG	AAAAGTCCTC	TCAAGCCCAG
GGCAG	CGTCCTGCAC	AACTTGTGGG
TTTTC	TCCAGCAATC	ATTTACTGCT
GGGAA	TTGTAAGTTT	CTTTCTTTCT
TCTTT	CTTTCTTTCT	TTCTTTCTTT
TTTCC	TTCCCTCCCT	CTCCCTCTCC
CCTCT	CTCCTCCTCC	CTCTTTCCCC
CCTCG	CCCTGTAGCC	CCCACACCAC
TGGGA	ACGGAGTGCC	CAGATAAACT
GGGAA	CGTTACGCAA	TGAACAACAA
ACATA	ACCACCCACC	CAAAGACAGA
AGAAA	CGCTACCCGG	CCAAAACACA
CGCCC	CCCAAAACCC	TGAGACGCAA
ACACC	GCCCCAATAC	TGAGGAGACT
AACAA	AATCCACATC	GCCAAACTCT
AAACG	CATGGACATG	GTCCGCAAAT
CTCGC	AAACATATTC	TCCCAACAAC
TCTCT	ACAACACCTC	CCCCCAAATG
CTTAG	TCGTCCTTCG	TAGGAGCTAA
CTGCC	TCGTGAACGA	ATAATGGCAG
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AACAT	CGCCACACAC	CTTCTGCAGA
TAGAT	CGAGAATATA	TATAAAACCT
AACAC	GCTACGAGTC	TCCCGCTTGG
TAGAT	CAGTCCATCG	CTCATGACGC
AGAAC	ATAACTCAAC	GAGATGCCGC
GCATA	TCTCATCCAC	GCTCACGCGT
AACTA	TAGACAGAAG	NCACGGGACA
XXXXXX	XXXXXXXXXX	XXXACTGTCG
GTTTG	TGTTCCTCTA	GTGAGTGCGT
GGCTT	TTCTTTGTTG	GGCTGTTTTT
TGTTC	CTCTTCTCTT	GCCCGTGTTC
CTTTT	GCTCTATTTT	TTGTTTGTGT
TTGCT	TTCTTTTATT	TTTTTTTCTT

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317451  TTGTCTTTTT  GTGTTTTCTT  GTTTTTTTGT  ATTCTTGTTT  TCTTTTCGTT
317501  TTTTCCTTGT  TTGTTTTGCT  TTCTGTCTTT  CGTTTTTTTG  TTTTTTTGCT
317551  TTCTTTTTTT  TTCTTGTCTG  GTGGTGGTGC  CTTTCTGTTC  GCTGTGCCTC
317601  CCTGTCACAG  TGTGCGCATT  CTTTCTCCGA  TGCGCTGTGC  GTGGCGCCGT
317651  TGTGCCGCCG  TGCCGCTCGG  TGGCGACACG  CGTCACCCCT  CTCGTCGGTC
317701  CCCGTCTGCC  GTCGCCCGTC  GTGGCGCCCT  CCCCCTCTCC  TCGTCCCCCT
317751  CTCCCCGTCC  CCCTCTCCCT  CTCTCCCTCT  CCCTCTCTCC  CTCTCCTAGA
317801  GAATATTTTG  ATTTAAATTT  TTATGTGTGT  GGGTATTTCC  TCTGCATACC
317851  TGTGCACCAT  GTGTATGCAG  TGCCCTCAGA  GGCCAGAAGA  GGGCATCACA
317901  TCCCCTGGGA  CCGGAGTGTC  TTGGTAGTTA  GCCACCACAT  AGGTAGGTGT
317951  GGGTTCTTAG  GAAGACCAGC  AAGTGCTCTT  AACTGCTGAG  CCATCTCACC
318001  AGCCCTAGGT  CATGTGTATT  GCTCCCCAGG  CTCGTAAGCT  ACTGTCGAGT
318051  TTTATGAGTC  GCCTTTTCAA  GCCGCTGTAA  GTGGATGCAT  GGATCAGTTT
318101  TCAAGCTATA  TCTTTTTTTT  TTTTTTTTAG  GCAGGGTTTC  TCTTTGTAGC
318151  CCTGGCTGTC  TTGGAATTCA  TTTTGTCAAC  CAGGCTGGCC  TCGAACTCAG
318201  AAATCCACCT  GCCTCTGCCT  CCCGAGTGCT  GGGATTAAAG  GCGTGCGCCA
318251  CCATGCCGGC  TCGGAGCTCT  ATCTTTGAGG  GAAGAAAGGG  GAATGCTCAG
318301  ATCCAGATCA  AACCAGATTT  CCTGGGCCCA  AGGCCCAGCG  TTAGCTCACT
318351  TCTGAGAACC  CAGACTTAGG  AGACAAACAA  TGTCAGGCTG  TCCTCTGCGG
318401  GTTTTTTTGT  TTGTTTGTTT  TGTTTTGTTT  TTTTTCATTC  TCCTGGTTCT
318451  TAGAGATCTT  CTTGGTCCTT  GGAATCAATA  TCTCCCAGTC  TCAGGAGGCT
318501  TCAGAAATGA  GTGAAAACAG  ACCCAAATGG  CAATAGTGAG  AGAGTTGGAA
318551  TGGCTGTATC  CATGGGGCCA  AAATAGTCAG  CTCAATAGAG  TATAATTTTA
318601  TTAGCCTTGA  GGGTAACTTA  ACTGAGCTTA  TGAAAAAGCA  GAAGGAATCA
318651  CTTTATGGTT  CACAGGGAAC  TAAACCGTGA  GGGCAAATTC  AGACACAAAT
318701  ATGGAAACGC  CTCTGTAAAA  CCTAGCACAT  TCGTCTTTGA  TTTCTACATA
318751  CACTTACTTA  TTTGGCCATC  TAAAATGCCC  ATGGAATTTA  ATGTGAATTG
318801  CTACATTTAG  CTTTCTACTG  AAAATAAAAA  AAGAAACTTT  TAAAACATTG
318851  AAAATAGGAA  GTATGACTAG  AGGCTATGCA  TAACATTATG  CTTTTTTTCT
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319051  TGTATTAGAC  CTGTCCGGAT  GCAGGAACTG  ACTTTCCCAG  TCATGGTGAT
319101  CCAATGAAGA  GATCAGCCGT  GGGAGGAACT  TTGGGACCAT  GCATAGCTTA
319151  CTTTGAAGGC  ATCATGTCAT  TTCCTGTGCC  AAGTTCCATT  GACCACACAA
319201  CTTCACTTTG  TTCCAAAGAG  CATGACTACT  AGGGATAGGG  ATATGTCAGG
319251  AACCCACTTG  AGAGGTTGGC  CATCATAGGT  CTCTAGTGAC  AGGCAGAAGA
319301  AGTGAGTCGA  AAGAGAAAGT  ACTGCTTTTA  ATGAATAGTG  CATCCATCCA
319351  AGTCTTAATC  ATGGACTAAC  AGAAAACCAC  ACATCTGTGA  CCCCAGCAAC
319401  TCAGAGGCTG  TTTAGAAGGA  CTGTAGGTTC  AAGGAGAGAC  AACACAACAA
319451  ATAGATGCAG  AATTTCTTAC  TACTAGATCC  CTAAATCTGG  ATCTTAGGTC
319501  ACTGTACTCT  TTAGAAGAGA  TACATTGTAT  CTAGAAGAGA  TGCATTGTAT
319551  CTAGAAGAGA  GATACGTTGT  ATCTAGAAGA  GATATGATGT  GTCTAGAAGA
319601  GACACATTGT  GCCTAGAAGA  GATACATAGT  GTCTAGAAGA  GATAACTTGG
319651  GGAAAGACAA  AGTAAGGGGA  AGTTCCCTCC  CTAGGCCTTT  GCCTGACAGA
319701  TATAGATGCT  GAAAGAAATG  ACTATTCTTA  CCAGCCAACT  ACACAGAACA
319751  AAGCACTGTT  CTTAGGTAGG  GCATCCCTGC  CTGCTGACTA  CAAGACTCTG
319801  TCTCTGGCCA  ACCAGATCAC  CAACTTAATC  TCCTTGTAAT  GGCGAGGAGG
319851  CAAGAATGAG  TTCAAAACTC  TTTTGTCCTG  TCCAGAAACC  GTTACCATCC
319901  TTGCTCTTCC  TACAAGGAAA  CTGAGCTATG  GAATAGTTAC  TGAAGTTGAG
319951  TGTAACCTGT  TTCTAAAAAG  CCATGAGGTA  GCATGCTAGG  CTTTGCTACC
320001  AGGCATGGTG  GGCAGAACAG  GCTAGAGATG  TAATTACTGC  TGCACTTGTG
320051  ATGAGCTTCC  AGATGTATCT  TCTAGACATT  TTTTCCATGC  CATGGGCATT
320101  TGTGTTGTAA  AGGAGCTTTG  GGTCCACATT  CAAAAAAAAC  AGAAGCCCAG
320151  GGAAATAGAA  GCCCAAGTGA  CATGTGTCAC  TTGCCTGCTC  TTTGCAGAGG
320201  TGAGAAAGCA  CTCTTTCCTA  AGGTTAATGG  CTGGAAATAG  AATATAGGTG
320251  CTTCTTCCTT  CCTTCCTTCC  TTCCTTCCTT  CCTTCCTTCC  TTCCTTCCTT
320301  CCTCCCTTCC  TTCTTTCTTT  CTTTCTTTCT  TTCTTTCTTT  CTTTCTCTGT
320351  CTCTTTCTTC  CTTTTAATCC  CAGTTTGGTA  CTTTGTCCTT  TGTGATATTA
320401  GCAAGGGCTC  CCACGCATAG  GCTTTCTTTA  AGGTTGATTG  GAATATTGTT
320451  CTTCAACTGT  GTGAGAGGGG  AGAGAGTGTG  GTAGGAAGAG  CCTTGAGCAT
320501  AGAGCACTTC  CTCAAGCTCA  ATCCAGCACC  ATCTCAAACG  GGCTAGTGTG
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111

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320551   ATTCAGGCAT   ACACTCCTTG   GCTGTGCCTT   CTGGAAAATA   GGTATATAAC
320601   AACAGCTGCT   GACTTCTCCA   CATGGTTCCA   AAACGAAAAA   GGAGATACTA
320651   GCTGTGAGTC   ATATATGTGG   GATCAAGGTG   TTAGGCAAGA   TAGGAAAGCA
320701   GTCTTTGGAC   ACATAAATCT   ATAAGCAAGG   TCGACACCAA   GATGGCCAGG
320751   ACCCTTGCCT   CTTACCTTGG   TCTCAAGAGT   GTATTAGCTC   TCTGCCCTTG
320801   GATATTTCAT   TCCCTCCTCT   TCCTTCATGT   GACTTTGCTT   CCCCTTATTC
320851   CCAGTGGGGC   TTGAGCCACT   CTCTGTCATT   ACAAGGAGGA   GTGCTCTTTT
320901   GAGAGCAGAA   AGCTGACAAC   CCTAGTCATC   GTACTAGGAG   TTCCTGGAGC
320951   TTTACCTGTT   GAATATGGAC   ACTGAGGCTG   CCTGGCAACT   ACAGCTCCCA
321001   GCGGAGATTT   ATCACAGAAA   ATGACCTCAG   TCCAGAGAGC   TTCCATGGGG
321051   ACTGTCATAT   GCTATGGCAT   GGCGAGCAGC   AGGTTTGGGA   AGGACGTTAA
321101   CATTATCCAG   TGCTTTTCAG   GCTCAAGGTG   GGGAGTGAGG   CACGAGCGAA
321151   GCTGCTATCT   CTCTGACTTT   GCAGAGAAGG   CTAAAGCTCT   GGAAGGTCAA
321201   CTGGGTCGCT   TAAGGCCACA   CAAGCTTAGG   CATGGGTAAG   TTAACATTTG
321251   AATCTGCATT   CTTTGAGGGT   TTCTGTCACT   TCATACCAAG   GGGTATCAAA
321301   TATAGTCACT   TCTATTTTGT   AAAGGAGAAA   AAATACACAG   GGAGCCAGAA
321351   TAATTACACT   GTCTTAACCA   GAGGCTGAGA   TCACAAAGGC   CCTGTAGTTT
321401   TGCCTTCAGG   CAAAAGTGGG   GTCAAGCTGT   TGATTTAAAA   TGAAAAAAAT
321451   GAAATTCTTA   CATTTCTCTT   GAGACGAGGT   ACAGAGGTGC   TTTTTAAACA
321501   ACATTTCCTC   TTCAAACATG   CCCGCAGGAA   ATGCCCGTGC   CAGCCATGCA
321551   GGCCTATTAA   TGGTTAAAGG   GCAAGGGTCA   CACTGAGATA   CAGTGGCCCT
321601   AAAATAAAGT   TATGAAACCG   TATCAGTCTG   GCAAGGAGAA   ATGAAAGGAA
321651   ACACAGAATG   TTCTCAGATA   CATAGAAAGG   GTTTTGTTTC   ACAACTTCTC
321701   TAAACAAATT   CTAAACCTTG   TGTACTTCTA   GGAAGCCGGG   CAGTTAGCGA
321751   CTACCCTGCT   GCTCGCAGCC   AGTGCGTAGC   ATCGTCAGAG   CATGACCTGA
321801   CTTGTGAGCC   TGCTGCTCCT   GAGCAAACAC   GTGCTTTCCT   GGTAGTGATT
321851   CTTAATGTTT   CTGCTGGAAG   GTTGATGGTG   CTCTGAGCAC   TTTAGTTGGG
321901   AACATAGATT   TTATTGAGTG   CCTAGTCAGC   TGTGACCAAG   TTACAAAGGC
321951   TACACATAGA   GTCACGTACC   AGCTCTGATA   GGGAAAAGCA   GGCAAGCCAT
322001   CTAAGAGTTA   TGGCTTCTCT   GTTAGGGTGA   GAACTACAAT   AAAAGTAGGC
322051   CAGGGTACCT   GGGAGAGTTC   AACAAAGGGT   ATCCAAGCCA   GTGTTGGAAG
322101   TTCAGCAAAA   TGTTCCTGGC   TCAAGTGTTA   TCTAAAGCAA   GGCCCCAAAG
322151   ATGGGGAGCT   AGTGGGGTAT   GTCTTAGGGT   TTTACTACTA   TGCACACCAT
322201   GACCAAGGCA   ACTCTTATAA   AGAACAACAT   TTAATTGGGG   CTGGCTTACA
322251   GGCTTAGAAG   TTCAGTCCAT   TATCATCAAG   GTGGAACATG   GCAGCATCCG
322301   GGCAGGCATG   GTGTAGGAGG   AGCTTAGAGT   TCTACATCTT   CATCTGGAGG
322351   CTGCTAGCAG   AAGACTGACT   TCCAGGCAGC   TAGGATGAGG   GTCTTAATGC
322401   CCATAACCAC   AGTGACACAC   ACACTCCAAC   AAGGCTATAC   TTACTCCAAC
322451   AGGGCCACAC   CTTCTAATAG   TGCCACTCCC   TGGGTGGAGC   ATATACAAAC
322501   CATCACAGGG   TGTTTTGCTT   TCCTTTCCTG   CAGAGAAGAG   AATGTATGGG
322551   AAGGGCCAGA   AGAGAATATG   TATGTCTGGG   AAGTTGAAAG   GGATTCTGTG
322601   TGGCTAGTGG   AGATGGTTGA   ATACTCAGGT   AGAGACTTGT   CTTATACACT
322651   GTGTTAGAGA   CTTAAGGATC   ATCAGAGATT   TAAGAACGAG   GATACGATGG
322701   TAACTTACAT   TTTAGAAAGA   TCATGATTCT   GGGCATGTGT   ATCCCAGAAA
322751   CCCTGCAGAT   TTGGAGCATG   AGATACAGGA   TGGGAAGAAG   AACAAAAGCA
322801   TGAGGTGGTA   GCTGTGGTTC   ATACTCTAGA   CGGTCATGGT   CTAGTCCAGG
322851   TCATATTGCC   AGACATGAGA   AAGAAGAAAG   CGGTCTAAGA   GCTCCCTTAA
322901   GAAGTTTATC   AGATCAACAA   GACTCTGTGT   TGGATTCAGT   ATGAGGGTTA
322951   TATAGGGAAG   TGGTCCAGGA   TGCACGCGGT   ACCCAGGTTT   CTGGGATGTT
323001   GATGAGATCA   GTATCTTAGT   TACTGAGCAC   TGCAGAAGAA   ACAGATATTT
323051   TTGAGAAGTG   TTAGGGAGTT   GTATATTAGC   TGTTCTCTTG   TTACTGTAAA
323101   AGAAAAAAAT   TGCAATGAAA   GGAACTTAAG   GAAAAGTTCT   AAGGAGTAGA
323151   GTTCATAATG   GCAGAGAAGG   CATGCCAGCT   AGAGCAAGAT   GGTCACACTG
323201   TGTACACAGT   AAAGAAGTAA   GGGCTGGTTT   CTGTTCCTTA   GCTTGCTTCC
323251   TCTTTTGCAA   TCATCCAGCC   CAGTGCTACT   CACAGTCAAG   TGACATCATT
323301   CTTGCCCAGC   TAAACCTTTC   TGGAAACACT   CTCCGACACA   TAAGCACAGA
323351   GGTATGCTTA   TATGGCGATT   CCAGCCAAGG   TGGCATTGAA   GCTTAACCAT
323401   CACAAATCCA   ATTTGGCAAA   TGATGCTGGA   AACATGTAGG   GTGACCAGAT
323451   GGAGTTCTTT   TCATAAGATT   GTATTGGCCA   TGGACCCAAA   CTTCTGGCCA
323501   TTCATGTGTT   GTGATATAAA   CCATGGCCCA   ATTATACTCA   TAGGTGCTAC
323551   CAGAAATAAT   GTAGCAGTAT   GGGGAGAGGT   CTGTTTAGAG   ATATCTAGAT
323601   AGGAGGGTGA   CAGCCTTCTC   CTGCTGATAC   AAGGAGTCAG   CCCTATGGAA
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112

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323651   AGCAGAGGTC  ACTGGGACTT  CAGACCTTGA  TCTATTTTTG  CTTCTCAGCC
323701   AGAAAACTCT  AAGAAAAATC  TTAAATAAGA  TTCCAACTCA  AGAAATCCCC
323751   AACTAAGTGA  TAGCTTGGCA  TTCTATTTTT  CTACCTTATT  ATGATTATGG
323801   AAAGCAATAC  ATTGCAGTTT  TTAAAAAAAC  TGAAAATGAA  TGTTTAATGT
323851   GTATCTTATC  CTGGACCAGC  GATGAGAGGT  ATGATCCTCT  GCTGATGCTA
323901   TGCAGAGGCA  ACGACCCACA  ACTGCTAGTC  AGGCAAACTG  AGGGATGCCC
323951   CATGCTCCAC  ACTAGTGGTT  CTCCACCTGT  GAGTCGTGGC  CCCTTTGGGA
324001   AGTCAAATAA  CCCTTTCACA  GGGGTTACCT  AAGACCATTG  GAAAATGCAG
324051   ATATTTACGT  TAGAACTCCG  AACAGTAGCA  AAATTACAGG  TATGAAGTAG
324101   CAATGAAAAT  AATTTTATGT  TTGGGGATCA  CCAGAACAGG  AGGAACTGTG
324151   TTAAGAGGTC  ACGTCATTAG  GCACCTCTGC  TCTACAGTGA  ACTGTGTTGC
324201   TAAACTGTGA  CACTCCATAG  GCCATGCTAG  TAGGAATATG  GAAGACATTG
324251   GTGCTAAGGG  TATTTTGAAC  TGTGCATACC  TGGCTCTAGA  GGTTTCAGTG
324301   AAGAAGAATT  TTAGTATGTG  TCCTAAGAGT  GTTCTTGTGG  TATCTTGGTG
324351   AAGAAAGTGG  CTTTGTTTTG  CCTTTGTTTG  AGGGGTCTAC  CTGAGACAAA
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324451   CCAGCAGAGA  CTTTGCTCTT  ATTCTATGGT  TTAGCCTCAT  GAAGAGCATT
324501   TTGATCAAGC  ATAGCAAGCT  TCAAAAGGAA  AAGTACAAAA  TGGAAAAGAA
324551   CAAAATGTAT  GGTTCAAAGA  ATAAAGGGGC  AGCAGGAGTG  AGAATGGAGC
324601   TGAATCCTGC  ATTCAAGGAG  ATAAACAGAT  TAAGGGAGTG  TCGACCTCTT
324651   GGCAAGGTTC  CACACAGCTA  AGCTTATTGT  TTATGTGTTT  GCAGTTGAAC
324701   AAGGGCACTG  CCTGATTATG  GTTTTCATTT  GGACTTTTAA  TCTGGAATGA
324751   ACTACAATCC  AGAAATGGAG  GAGACAGGCT  TTTGATCTGC  ACCTTGAGGG
324801   AATAGTGACC  ATGGAAAGCT  TAGGGTACAG  GCCTTGAATC  CCAGGAGACA
324851   GAGGCAAGCA  GATCTCTGAG  TTCAAGATCA  GTCTCTAAAG  CAAGTTCCAA
324901   AATAGCCAAG  CTTAGGTAGT  AAAGGAGCTG  GAAAACAGAA  AGCTGGTGAT
324951   AATGTAACAG  AACAAGGGGG  TCAGGTTCCA  TCCCCAGCAA  ACAACAGACC
325001   TTGGCAGCTT  TGGCCATGTA  GCTCTGGCTT  TAGAGTCAAG  AATAGAAAGG
325051   ACTACTAGAA  CAATTGATGC  TTGTTGGCTG  GAGCTAAGAA  ATTAGCAGTG
325101   ATTAAGAAGA  GACCAACATC  ATTGATCTGA  GAAGTAACAT  TTGGGGGGAC
325151   CTAAGGAAGC  TGTGTTCCAG  GGGATAGCCA  AGGTGCCTTG  TGCTTCAGCT
325201   GGAGTCGGTA  AGAGTCACCC  AGGTGATACT  GGTTTTGAAG  GCATAAAGGG
325251   GTCGTGGAGA  GCAGCTGAGG  CATGTCATTG  TGAAAGGCCA  AGGAAGGCCA
325301   CTGGTGAAGA  GGCCCAGGAC  TGAAGGGATC  ATGCAAAGAA  GTTGAGGCTT
325351   GGCACCATGA  AGGTAGTCTA  TGAGAGGCGA  TGGGTGAAGC  TTAGATGCAG
325401   TGAAAAACCC  CATGTATTAG  AGATGCCAGT  ACCATAGAAT  GACTACAAAG
325451   AACAGCAGCA  GTAGCGACAT  GGAGCCAACC  AGAGCCTAGA  GTGCTACAGA
325501   GGGCAGAGCT  AGGCAAGAGA  GCCAAGTCCT  TTGGAGGAGC  CCAAAAGATC
325551   ATGTGTGGAT  CCCAGACATT  GTAACAAGAA  GCTGTGAAGT  CAAAGTTGCC
325601   TTGGAGACCC  CAAGGTGTTA  GAGACGTCAA  AGCCATGGGA  TTTCTGCTGA
325651   GGAAAGCGGC  TAAGTGGGAG  TGAAACCAGT  GCAGGAGGAA  GAAGTTTGTT
325701   GTAGTCAACA  AAGATGAGAG  GAGTTGGAGA  TTTCAAGAGC  ACTTTGACAT
325751   CAGATGTGGA  GATGAAGAAG  TTGGAGTTTA  CCCAGCTGGT  CCAGGATTTC
325801   TTCACTGTGA  TGTTTTGGTA  TGGTAATGTA  TATCCCGTGA  TGTTTGAGGT
325851   TTGTCATCTG  TTTTTTTGATT  TTGACTTTAT  AGGAGATTAC  AGCTAAGTGA
325901   TTGAATAAAT  CTCAAAAAG  ACTTTGAACT  TTGGACTTTG  AACATTGTTG
325951   AGACTGCTAT  AGACTAAGGG  GACTTTTGAA  ATTAGACTAA  ATATATTTTT
326001   GCTGTATTTA  TGTATTGCCC  CTGATATTAT  CATGTCTTTG  AATAAGCCTC
326051   TGGAGGCCAG  GGAGTGGAAT  GTGGTCGTTT  GAATACACTA  GGCTCAGGGG
326101   TAGCACTATT  AGTGAAGTGT  GGCCTTGTTG  AAGTAGGTGT  GGCCTTGTTG
326151   GAGGAAGTGT  GTCACTGTGG  AGGTGGGTTC  TGAGTCCCTC  CTCCCATTTA
326201   CATGGGGCAT  AGTCTTCTGT  TTGCCTTTGG  AACAAGGTGT  AGAACTCTCA
326251   GCTCCCCCAG  TACCATGCCT  GCCTGGACGC  TGCCATGCTT  CCAGCCATGA
326301   TGATAATTGA  CTGAACCTCT  GAACCTGTAA  GCCAGCCACA  ATTAAATGTT
326351   TTTCATAAGA  GGTACCTTGG  TCATGGTGTT  TCTTCACAGC  AATGGAGACT
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326451   CACACACACA  CCAAAACAAA  GCATAGAAAA  CATCTCATCG  TGGTAGCTGT
326501   AGTATCTCAC  AATGTGTCTC  ACAGTGTATT  CCTCTGTCCA  CACAGCTTCA
326551   CTCGCAAATA  TTCACTGCAA  GGAGTCATTG  GTCTGGTTTG  AGCTTCTGTG
326601   ACACCATCAA  TATTGGATTC  TCACCAGGAC  TCCCATTGTT  GCTCTGCATC
326651   ATGAAGATCC  TGCAGCTTTG  GAACAGTAGG  TCTGGTCCTT  TCACAAATCC
326701   CAACCATTTG  CAGACGATAT  TGATTTTGGG  GTGGGCCAAC  TTAGAGCCCT
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113

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326751   GGATCTGGGC   CTGGGTGGCA   GCTGAGCTGG   TCAGCAAGCT   GGCTTTCCCT
326801   TATCTGCACC   ACCAGGGCAA   GCTCTCTAGC   ACTGCTCTGG   CTAGGCTAAC
326851   CATCAGTAGG   AGACAGGGTC   AACTCTCCTG   GTCTCATGCC   TTCAGGCAGC
326901   TCACCGTAGC   CTTTGCCATC   AGGGCCAGCT   CCACTGCATT   GCCCAGGTGA
326951   GGTGCAGGGC   CCACTCTCCT   GAATGCTATA   GCTAGCAAGA   GGTCAGGGCT
327001   AGCTCTCTCA   CTCTTATGCC   CTTGGAGCCC   GCTCTCCTGG   CTACTGCAAA
327051   GGTTCAGGGT   CAGGGTCAGA   GAGGGCATCA   CCCCTGCACC   TAAGTCACGC
327101   TCCTGCAGAC   AAATGACAGA   GGCAGCTATC   CTGTGCTCTT   TACCTCAGGG
327151   CTGGCTTACC   TGTCCTCCCC   CTGACCCCCA   CCAGAGGCAG   CTCTACTGTG
327201   CTGTCCAGAT   GAGGTGCCCC   ACCTGCTGTC   CAGAGTGCTG   CAGCTGGCAC
327251   CCACACCACC   AGGCAAGGGA   GGGCCAGCTC   TCCCTTGATC   TTGCCCTCAG
327301   GGCTGGCTCA   CCTGAGGCCC   CTCTGATCGT   CAACTTGATG   GGATTTAGAA
327351   TCATATAGGA   GACAGACGAA   CTTCTGAGCA   TGTCTATGAG   GGCATTTTCT
327401   GAGAGGTGTA   GTTGAGGTGA   GAACGTGGGC   AACACCATTC   CACAGGCTGC
327451   GTTCCCAGTC   TGAGGAAACA   GGAGAAAGAG   AAGGGAACGC   CACCATTCAC
327501   CTCTCTGCTT   CACATCTGTG   GCTACTGTCA   CCATCTGCCC   TGTACTTTGG
327551   CTGCCATGTC   TTCCCCACCA   TGGTGGACTG   GCCCCTCAAA   ATGTAAGACA
327601   GGATGAAAAG   TATTTCATCA   CAGAGATGAG   CAAAACAAGC   AAAACAGAAG
327651   CAAGCCGAAG   ACAGGAAAGA   GAAATCAGAA   AGAGAAATGA   GGATAGCAAG
327701   ACAACAACAG   AGCGGGCGGG   GTGGGGGGAG   GAACAGAAAC   AGAAACATTG
327751   ACAGAAACAG   GAGCCTGGGA   GCTGAGCCGG   CCTCTCTGGG   TGGTGGGGCC
327801   CTCCCTCACC   CCTGTGGGCA   CACCCAGGGC   CATTGAAACT   TCCTGGAACT
327851   CTTTGATAGT   CAGTAATTTA   GTCCACACCT   CCCAGGATGG   AAGTTAGCCA
327901   GGTTATTTAT   TAGTCAAGAG   ATTTGGAAAC   ATTATTTATG   TTTTCTGAGC
327951   TTCGGATTTT   CCCCTCTGAA   GATGGGAGTA   ATAGGCACAG   AATTGTGAGG
328001   AGTTAAAGGC   GTAAATGCTG   AAAGCCTTGA   ACTTTGCTAA   GATTGAATGC
328051   GTTATCAGCA   AGTGGGAATG   ATTATTACTG   CTGGGTTTAG   TTGCCAGATA
328101   CAACAAATAG   AGAGAGAAAA   TAGATAATCC   CTCTAATCAA   TTACTAAACA
328151   CATTTCTCAC   GGTGAGACTC   ATATTCGAGT   TTTTAAAGAT   TAGTTTAAAT
328201   GTAGATTATT   TTTTTTATCA   GAATGTCCCA   ATTTTAAAAA   TGTTTGTAAG
328251   TACTTAAAAT   CTCTCTGTCT   CTGTCTCTGT   CTCTCTGTCT   CTCTGTCTCT
328301   CTGTCTCTCT   CTCTCTCTCT   CTCACACACA   CACACACACA   CAGAGTAAAT
328351   AAATGTTAAA   AAAAATATTG   AAACAGAACA   ACACAAAGGC   CTCTGATTGT
328401   ATCACTTCCC   AGCTGTTCTA   GAAGAATCTC   TGGCACAGAT   ATTGTCTTTA
328451   TTTTAAAACC   CGTATTCTGT   TCATCTCCGG   TCTCTCTGGT   ACTTCTCTTT
328501   TTTAAAGCTC   TGGATTATAA   TAACATCAGT   TATCCTGATT   CCTGAGGTTT
328551   GGTATCCTGT   CAAGTCTGTG   CCCTCGATCC   CAGTTCTCGA   GTTCTGGCCT
328601   AAGGGGTTAA   CCCTGTAGCA   GGAAACCAGT   CCACCCTCCC   TGCCGCCTCT
328651   CCCAGCTGCC   AGAGGGGCAG   CAGTCACTCC   CCCTAGAGCA   GGTGGGTGCT
328701   TGCGGAACGC   AGACCAGCTT   CTATAGCCAA   AGGGAACAGT   ATCTACCAGG
328751   GGATACTGTT   AAGAAACCAA   TCTACCAAGG   GAGGAAGAAC   ACATTCCAAA
328801   GACGGTCAGG   AATTATTTCT   AGAATATTTA   TTTTCTTAAG   TTCTTGGCAC
328851   TTCCGCCTCC   TCTTCTTTGC   TAAGGAAATG   CACAGGCTGC   TTTCCAGGGG
328901   ATGTCTGTCA   GTAGCAGCCC   TCCCAGTTCA   CAGACAGCCT   TTCCTCTTTG
328951   TTCTGCCGCA   AAAGGCACAG   GGAAGCCATT   CAAAGGAGCT   CTGCCTCAGA
329001   GGAGAAGCTG   GTTTCCCTGA   AGTATCTCTG   CTCTGGGGCT   TCGGAGTATG
329051   ACCCAATCAA   AATTAACCAA   CTCATCCTAA   TATAAGGCAG   AAGCTGATGG
329101   GGCAGTCTAC   TTTTCAGTCT   CAAAATCTAC   GGCCTTTTTG   GTGTACCCAT
329151   TTCACTGACC   TGCCTTGTGG   GGACTTTCTG   ATGGCACAAG   CCAACGGCTG
329201   TGAATGTACC   CATGCTGATA   CTTTGAATGT   TAGAGATTTT   GTTCACCATG
329251   GATTTTAGAA   ACTAAGTTTT   ACTTAAATGA   TTTACATTAA   AATATTATTT
329301   GATTCCTGAA   TTGATTTGGC   ACCCCAGGCT   GTATCTCCTT   TGTCTCTTTG
329351   TCTCACTCTA   CCGGCCCTAC   AGCAAGAAAC   TACTGAGAGG   CCAGCCTGTG
329401   CAAGCTGGCC   ACAGTGCTCC   CAGCTGCCTG   CCTTCTCTGA   CTCTTGTGCT
329451   CACTGTTCTG   TTCCCCCAGG   TCTTCCAGGA   AGCCTGACTG   ATCAGAATGG
329501   CCCAGAGAGA   ACAGGTGAGT   ACCCAAGTGG   GTACAGGGAC   AAGACACCCT
329551   TGCTTGCTTT   TTTGCCAGAG   GGGTCAATGA   TGCTACAGTA   GACTGGCTCT
329601   TGCCCTACTG   CTTTGAGTGA   ATTAGCATAA   CGAAGCTCTT   TTCTGGGAAG
329651   GGGACTCTTC   AGGACCTAAC   TTCCATGGAT   CCCCCCTCAT   CAGCCTTTAG
329701   GGAAACAGAA   GGAACATTTT   GATCAAGGTT   TTTCTTAGAA   AAGCCCTCCG
329751   TGGACCTGTT   ATGGGAAATG   AAGCTGGTTT   TGTTTTCTTT   GATTAATCAC
329801   AGTGCCCTGT   TTCCAAAAGC   AAATGTGGCC   TTGCGTCCTC   CTAGGCACAG
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114

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329851   GCTGTGCTGT  GAAGGAGAGG  GCTTGAAGCT  GTCCCCAGGA  CCCACGCAGC
329901   CTTGTTTTCT  TCATCCTGTA  CGCTCTGCGG  AGTTCAGGTT  ACTCCCTTTT
329951   TTCCTTTGTG  ATTTCTGCCC  AGTAGAACCA  GATCTTTAAA  GATTTCTTTA
330001   CAGTTCCTTG  AAAGCTGGAG  TGCAGAAGCC  AGCTGTGAAT  TATATAACAG
330051   CAAGGTCATT  TTTTAAAGCA  ACAGTGGCTT  CCTATATAGG  CAAGGGGTAT
330101   TTCCCAGCCA  GTTTCTAAGT  ATAAAGAAAA  GCCTATGAAT  TTTGTGAAGA
330151   AAAATCAAGG  AGATTCTATC  TACGGTCCCA  CCCCTACTGT  CCTCTCTCAC
330201   TACTTTGGTC  AGGAAAAGAT  AATTCCTAAG  ATGATGGTGG  GGGGGGGTGG
330251   TTGGGGGGGC  GTGTATGGGG  AGGGCGGGAT  GGGGATGGGG  AGTGTGGGTG
330301   CAAGTGGTTA  TGACAAGATG  ACCAAAACAA  CTACTAAAGC  AACCAAAAGC
330351   CTCCCAAAGC  CTTTTTGAAG  AAAGACGGGG  GTGGGGGTGG  GGATTTTGTT
330401   CTCTTTCTTC  AGGTGGACAG  AGAGCCATTA  TTCTTGTTCA  AAGTCACAAT
330451   AAAAGCAGAG  AAGAGGGGGA  GAAAGCTGTC  TAAAGTATAT  CTTTGTTTTC
330501   ACTTAAGAGT  CAGGGAGCTT  TATAAATAGC  CAGCCTGGCT  TTTTCTTTCA
330551   GGGGAGCCCC  ACGCTTCAAT  TTAAGCTCTG  CAGAAGCCTC  AGCTGCTTTC
330601   CTTTCTTTGT  CTGTAGACTA  AACATCCCTC  CGAAGTGCAG  CCCCCTCTCT
330651   GGCATCACCC  AGGGGCCCTG  CTCCTTGACT  CTAGATAGTG  ATTTTTCAAT
330701   GAAGGGCAAT  TTTGCCTTCT  AAGAGGACAT  TCTGCAACAT  CTGGTGTGTG
330751   TGTGTGTGTG  TGTGTGTGTG  TCTGTCTGTC  TGTCTGTCTG  TCTGTCTGTG
330801   TCCTGTCTCC  AAAAGCAAAC  ATGGATTGTC  AGAAGGAGCA  TAGCTTATGC
330851   AGTGAAGGAC  AGTGCTTGAA  GCACAGTCCC  CAGTATCCTC  TCAGCCCTGT
330901   CATCAGAGAC  CTGCTCTTCA  GCCTGCACCT  TCCAGGTAGT  TCAGGTTAGT
330951   CTTTTTTTCT  TTGTGTTTTT  CTGCCAGTAG  GAACATGCTG  CCAGCATGTT
331001   AGTAGAAGTA  GACTAGGGAT  GCTTACATAT  GACCCCCAAC  ACACAAATGG
331051   ATTGTTGAAA  ATGCATGTAG  TGCTGACCCT  GAGAAACCTC  GGTCCACACC
331101   ATGCCAGGAA  ATCGAGTGGA  AACTCTCAGC  TTTGAGGATT  GCTAAGAATC
331151   AGGCTGCCTT  GCAGCAGGCT  TGGCCTCTCT  CCAACGGCTG  CTGTGAGAGA
331201   GTCAAAGCTG  CTGTAGGAAA  TGCCCTCTGG  CTGTGGTCAA  GGGTCCCCCG
331251   TGGAGTTGAC  TATGGGGACA  CACAGCAAGC  ACATCGTCTG  GACCTGGTGT
331301   TTTATAATTT  ATAGTCACAG  GGCGCCTGTC  TCCATTTAGC  AGCAAGCCAC
331351   CTGGCAACTG  TCCTGCCAGG  GAGGAAGCAG  TTATGCAGAG  GCCTACAGCC
331401   CCAGTCAGCT  GACAGCCCGT  GGTATATGGA  GATGGGAGTG  CTCAGAGGCA
331451   CCTGGAAATA  GACCCGACAT  AGATGGCTGA  GCACGAGGTA  CCCCTTCAGA
331501   CCCATCCGTC  AGCAGCAGGC  CCTGCCAGAG  GATGGCCTAT  TGAACATTTC
331551   CAGGAATAGC  ACCAGGAGCC  TGTCAACTGC  TTTCTTGGAA  ATACACTCAA
331601   TAAGGATGGC  TGTCCTCCAG  CCGGCAGAGC  AGAAAGCCTG  GCCTGGACCA
331651   GAAATGGCAG  CTCCTGGAGG  CAGCCTTCCT  TAGGACCTTG  AGAATGGGGC
331701   ATCTGTTCTT  TTGGGCTGCT  TGTGGAACTT  CCATCAGTTG  CTGGAGTCAC
331751   TCAGGGTGGA  AAGGGACGTT  GAGATGGCCT  GCAGAGGCTC  CAGGTCCAGC
331801   TTCCTTCAGA  CAGCTTGGTG  CCCTTCACAC  GCATAAAAAT  ATCAACAGGC
331851   AGGAAGGTGA  CAGGTTAGAT  GACAAGCTCT  TGTCAGCAGT  GAGAATTCAC
331901   ATCGCCTGGC  AGTGAACACC  TACACACCTT  CTCTTATAAA  TTTCACCCCT
331951   AAGGACACCC  AAAGGAGCTC  CAGAAAGGGG  GTTCTTTCTT  TAAAGCCCCC
332001   ATCTTCCAGT  CATTCTGAGA  ATATATCAAA  TATATAGCAA  AAATGAAAGA
332051   AAAAGCTTAC  AATTTAATTG  ACTCACTCCT  ACTATATGCA  AATCAACCTT
332101   TTCTTTCAGG  GAGGCCTGAT  GTGTCTGTTG  GCATTTGGCT  AACCTGGAAC
332151   CTCCCTTGAC  CTTTGGTTCA  GGAAGGGCAC  ATGTGGTGTG  GTTGGACTCA
332201   AAGAGCTCCT  ACAGACCCAG  GCATGGGTGT  CCTGCATGAA  CAAGAGACCC
332251   CAAACTCTCT  GGAACATTCA  GGAAATATTG  TTCAATCCTA  TTTTTTTTTC
332301   AATCCTATCT  TTTGAATTGT  GAGAGAATTA  TAAAGTTTAT  CATAGAGCAT
332351   TTTATCTTGA  AGGGCTACAA  GAAAACATTT  GATGCCTACA  CAGAGCCACC
332401   ATGAGCTGGG  GATCACAGTG  CCAGATACTG  AAATTAGACT  TGTTTTAGAT
332451   AAACAAGAAA  TTGCTTTTTG  ACGCATGTCC  CAAATATTTG  CCATTTAGTC
332501   CAAACTCAGA  TGAACTGGGC  ATTGTTTGTT  TTGTTAAATC  TGGCCATCCA
332551   TTTGGGGAGG  AAGAGTGGGC  TACTTATTAA  GTTATGATGG  GAAACATAAA
332601   GAAAAAAGT   TAATAGAAAA  ACATTTCAGG  CAATCAAGGA  GGAAGGAGAA
332651   GGGTATTGAG  AGAGAGGGAA  AAAGAGAGAG  AGACTGGAAA  GAAGCAGAGA
332701   CAGGCAGAGT  GAGAGAAATA  GAGCACTGAG  GAGAGAGAGA  TGGGGAGGAG
332751   AGTCTCTGTG  GAGGATATGA  AGGATCTGGG  AAATGATGTC  TGCACAGGGT
332801   GCCATCTCCC  TGGGATGTGC  TCATGGGTTG  GCTAGCCCCT  GCTCCTGCAT
332851   CTTCTGATGT  ACTTGTCTGG  CAAAACTCAC  AGTGGCTGCC  AGAGAGACAT
332901   GAGTCTCCAA  GCTGCAACTG  CACCATTTAT  ATCCATATTA  CCACAGATTG
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115

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332951   GGTTGTTCAA  GATACTGACC  TCCTGAAATG  GAGTCCTACA  AATCAGACCA
333001   GGCCTGAATG  GCACCCCCGA  ACCCAATAAA  AAGTGAGTTC  CCCTACCACA
333051   CGGAGACTCA  TAAGCAGAGC  CTCTCTCTGT  CTGAGCTGGT  CTCTGTTTTA
333101   CCCATAAGGA  AAGGGACTTT  GAGTGGCAGT  TCCCTTCTTA  GCCCTGATCT
333151   GTATTTCTCT  ACTAAAGCCT  GCCTATTCTT  AAATCACTGG  AGTCGTTTCT
333201   ACGGTGGCCC  CATTTAAGAG  TTCCCAGATA  TTTGTCTGAG  TCATCTGCTG
333251   GGTGGAGCTT  CTCAAAGGAC  ATCTTGCTCC  TGTCTGCAAG  CATAACAGAG
333301   TATCCTTAAT  AGGCTTAGGA  GTTAGTGCTT  GCCCCTGGGA  CAGGTCTCAA
333351   GTAGGGCTGG  TTATTGGTTG  GGCATTCCCT  CAGTCTCTCC  TCCATTCCCC
333401   ATGCCTGTAT  TACATGTAAA  CAGGATTCAT  TTTAGGTTGA  AAATTTTGTG
333451   GGTGGGTTGA  TGTCCCTATC  TCTCCAAGG   GGTTCCTGTC  TGGCTACAGA
333501   AGGTGGCCTT  TTCCGGTTCC  ATATCACCAA  TGTTGTGAGT  CACAGCTAAA
333551   GTCACCCTAC  ACTGCTTCTT  GGGCATATCC  CTCATCCCAG  GTCTCTGTCT
333601   TGTCCTAGAG  ATGCCCTGCA  CCTCCTCACT  CTGGTCAGTT  GCAGATTTCC
333651   ATTCATTTTC  ATGGCCATCT  CTCCTGTCTT  TCCCCACACC  TGATCCTGAA
333701   TCCCCCATTC  CCCTCCCTAT  ATCCCTCCCT  CCTAGTTCAC  TCCCTCCATC
333751   TTCATCTTAT  GACTATTTTA  TACAGATACC  CACAGCCAAA  CAGTGGACAG
333801   AGCTTGGGGA  CTCTTATGGA  AGAATAACAA  GGATTGCAGA  CTCTGAAGGG
333851   GATAGGAATT  CCACAGGAAG  ACCAACCTGG  ACCCTTGGGG  CTGTCAGAGT
333901   CTGAGCCATC  AACCAAAGAA  CATAAACAGG  CTGGACCTAG  GTAGGCCTCC
333951   CCACACATAT  ATACCAGGTG  TGCAGCTTGG  TCTTCATGTG  AGTCCAAACA
334001   ACTGGAGAGG  GTGCTATCCC  AAAATCTGTT  GCCTATACAT  AGGTTATGTT
334051   CTATTAGCTG  GGCTGCCTTT  TCTGGCTTCA  GTGAGAGAGG  AAGTGCCTAG
334101   CCTTGCAGAG  ACTTGAAGTG  CCAGGGTAAG  GGGATAACCC  AGGGCATAAC
334151   CATCTGCTCA  GAGAAGAAGG  GGAGGAGGGA  GGAGGGAGGA  GGGAAGGATT
334201   GTGGGAGGCT  GTGGAGGGGC  AGTGAGTAGG  ATGTAAAGTG  AATAAGTAAA
334251   AAAAAAAAAA  AATTAAATAA  AAAAAATCCA  GATAAAAGCC  AGTGTGATCT
334301   TTAAATTCCT  CTTGCCAAAT  AATACTCTTT  GACAGGGTGA  GACCAAATAT
334351   TTTAGACCCA  ATCCAATAGC  AGAACAAGGC  ACCCTCTCC   ACTCCCCCCC
334401   CCCCATTCCC  ACATGGTGTG  GTCATTAGTA  GCTCTTCGGT  TTTCAAAGGA
334451   TTGGAATCGG  AACAGTAAAA  TGGACTCCGT  TGCCACAATC  TCGTGGAAAC
334501   GTTCTTGTTG  TTGACGATGG  TTCAGAATCA  CTTTGCTAGC  TGCTTTGGCT
334551   TCAGGGCTGT  CATCTTGAGG  AGCAGAAGCC  CTGGCATCCA  ACAGCAGAGG
334601   CTTCTTGAGT  TGCGAGCGCC  CTTCTCTTTT  ACCCACAGAT  GGAGGTCAGG
334651   GTGGCCTAAC  CCCGAGGAAG  GCTTGGCAGC  TTTCTGAGGG  TGGAGATGAG
334701   AACTGGGCCT  TCTGACAAAA  AAACGCCTGT  GCAGGCTGGG  CCTGCCAGCT
334751   GCTGTGTCCT  GGGAAGAGGC  TGCTTTTGCT  TAACCCCTGC  CATCTGGGTG
334801   GCAAATGTCC  TCCTCCCAGG  TCCCTGAGGA  CTCACCTTTA  AAGGAGATTG
334851   CAGGACCTTC  AGTCTCTCTC  TCTCTCTCTC  TCTCTCTCTC  TCTCTCTCTC
334901   TCTCTCTGTC  TGTCTCTCCC  TCCCTCCCTC  CTCTCTTTCT  CCCTCCTTCC
334951   TTTCCCCTCC  TCCTCCCTCC  CTTTCTCTCC  CTCCCTCCCC  ATCCCATGCT
335001   CCCCCACATG  TGTGTGTGTG  TGTGTGTGTG  TGTGTGTGTG  TGTGTGAGAG
335051   AGAGAGAGAG  AGAGAGAGAG  AGAGAGAGAG  AGAGAGAGGA  GAGAGAGTCT
335101   ACACTTTCAC  TAAGTATAAT  TTCTCTCGTA  CCATCCACTC  TTTTCTTTTG
335151   TTTAGAGACA  GAATCTTTTC  TGGTCTGGAA  CTGGACAAGA  AGGCTAAGCG
335201   AGTTGGCTAA  CAAGCCTAGG  GTAGTGCTTG  TTTCTGCTCC  CCAGCCCTGC
335251   GATTACAACT  ATTTGCCATC  ATGTCCAGCT  CTTTAAAAAG  TAGATTCTGA
335301   CATCAAACTC  TGGTCTCTTA  TGCTTGCAAG  GCAAGCAATT  TGTCATCTGA
335351   GCTGGCTGTT  TAATCCCCAC  CTTTTCTTCC  TTTGCTTCTT  AGCCATGGGA
335401   TGAATAGTTT  GCTCTGCTAT  CCACACACCT  CCAAGGCAAA  CCAGAAACCA
335451   GATCCGGGGC  CTAACAGCCA  TGGGTCTCTC  TGATAATGGG  TTGAAACTAT
335501   GAGCCATACC  AAACCTCTTC  ATTTTATGAG  TCATTTGTTA  CATCGACAGA
335551   ACTATGTCAT  GTTAGACCAG  GAAGCAGGCC  CTTCCTCAAA  TCCCAGGGGA
335601   GAGCAGAAGA  GACACTGTGG  GAAGCCACAT  GTGCCATTGC  AGGGTGGTGC
335651   TGGCTACCGT  TGGCCATCAT  GCATACATAG  GCAGTAAAGT  TTTTTGCCAA
335701   GATGAGGTTT  TGAGAATTAA  CCAATCGGAT  GAGAGAGAAG  TTAACCAATC
335751   AGATGAGAGA  GAAGTTACCA  ATCAGATGTA  GGCATGCAAA  TGAGGTGGTA
335801   AGCATAACCC  ATGCATAGCA  CCAGTTCTGG  GCTGGGGTCT  CTTTGCTTCT
335851   GCAATCAAGC  TCTCCCAATA  AATGTGTGCA  GAAGGATCCT  GTTGCAGCAT
335901   CGTTCTTGCT  GGCGAGTCAG  GGCGAGTGTA  AGAAGACACA  TAAAACATTT
335951   CACTATGCAA  ACACCCTACT  TCAGACACTG  AGGACTCTCA  GATCAGTTAC
336001   ATACAACACT  ATTAGGAAAC  AGCCAACATT  TACTGAGAAA  CCCCTTAGCC
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116

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336051  CGGGCACAAA  CAGTTCCCCA  ATCAGTCTTT  AACACTTCCT  ACAGAGGGTG
336101  GATAGTGTCA  CTATTTGCTA  GCACTATTAA  GAATTATAGC  AACATTAGTA
336151  TTATTAGAGA  TACTAACCGT  CACATAATTT  CAGGGACGCA  GAGTAATGAT
336201  TTAAGACATT  AAGCCGTTGC  CTGTTAAGTC  AGTTGATAAG  CGAATGTGAC
336251  AGTTGAGATT  CATTTCCAGC  CTTCCTTGCC  TCCAGACACC  TTCTGTGCCC
336301  TTTGTGTCAC  AGTGCAGGTC  CCAAAGCCCA  GCGGCACTGC  TCACCACGGA
336351  CAGGGTCCTG  GGAGAGTGAC  TTCACTCCCC  TGTGTCTTTT  CACCATGTGT
336401  AGAGAGTGGG  TAGGAGCAGT  GTCTCGATCA  GAGTCGTATA  GGATCAGTGA
336451  GTTTTTATTA  GGGAGACTTA  TCATCATTAC  CAGTGTTATG  ATTTTACCTA
336501  TGTCAAAGGA  GCTGACTGGG  CATGGCAGCT  GTCAGCGTTG  TCTGGAGGAT
336551  ACAGAGGACG  AAGAGTCTTC  CCTTCTCTTC  ATCCTTCCTA  TCCCTAGTAA
336601  GTCGTTATTT  GGCTCTGAGG  TAGACCCTCC  AAGACGGTCA  CCTCTAGATC
336651  AGCAGGGCTG  TATATGGAGC  CCAGATCATG  GGAGAATATG  TTCTTCCTTT
336701  GTGTCCATCG  AGGTTCCTCC  CACTGAAATG  TGTCCTACAA  TAATAATAAC
336751  AACAACACCT  ACAGTTGATA  GCATCTCCTA  AGGAAGGCAT  CCTGGGTCAA
336801  GCTCTGCTCT  GGTGCTTTCC  ATATTTTGGC  TTATCTGATC  CTCGAGCAAT
336851  CTCAAGAGGT  AGCTAATGCA  ATCATCCTTA  CAGACAGCTA  AGGAACTCAG
336901  GCACAGGGGC  GCAAATTTAC  TTGTTCAAGG  GCCAAAGGTG  GCTTTGCTGA
336951  AGTTCAGAAC  ACAACAGTGT  CACAACATGG  GTTTGTGTAG  AAGTTAGGTC
337001  CAGTTCTTCC  TCCCAGGCCC  AAGCTCCCAG  AACTAAGACT  CAGATTCAAA
337051  ATATATTTAC  AGATATCTTG  GCCATATAGC  CAGATTCTAT  GATGACTAAG
337101  GCCATAACTA  AAATAAACCA  ATTATTTTAA  CCTATATTCT  GCACATTGCT
337151  TATTACCTGT  GCTCTATCCC  AAAATTCTCT  CTGCCTCCCG  GATCTCCCAC
337201  CTCCTATTTC  CTGCTTAAGC  CATGGGCCAT  AGGCTTTTTA  ATTGACAGGT
337251  GATGCATCCA  TACAACATAC  AAGATATTCT  CTCTTCATAT  TTGTATATTC
337301  TGCCTTCTAG  CTGGATACTC  TGTGTTCATT  TCACAATCTC  TGTGGTTTCT
337351  GTGTGGGTCA  TTGCCTGGGC  AGTATTCGTA  TATACTTCCA  CTCATGACCA
337401  AGGTGCTAGT  ACCTCATTAA  ATGTATCAAG  TACTTTCTGT  GAAAGAATTA
337451  TCCAGGAGAC  TGAATTTCTC  CAAGCTTATT  CTCTATGTCT  GCTTATTGGT
337501  AATGAATACT  AGTCTGGGTC  TGTAGGTGAG  ATAAACATGG  TGCAGTAACA
337551  GATACACCCC  CAGAGTTAAG  TGTTCTACCA  CAGTGAAGAT  TTCATCCAGT
337601  AGAACCACA  GGGAACTTCC  TTCCAGGTAC  CCAGGGGTCC  TGGATGTTTC
337651  CACCTTGTGC  CTCATCACCA  CGTTTCCATG  GCTACAGTCA  AATGAGATGA
337701  GCAAAGTGGA  GAGGATGCTC  CTACTAACTT  CCCTGGCCTA  CGTTATATAC
337751  ACCTTCAATT  TCCTCAGTCC  ACTGACCAGC  AGAGTGGTGA  GACCCCAACC
337801  AAAGCAGGTA  AGAAAATGAG  GGAACAAATC  ATAGCCCCAG  GTTAAAAAGC
337851  AAATGTTAGA  AACGTTGTTA  ACCCAGTGAA  AGACCCCCTT  TCTGGTTAAT
337901  TATGGCTATT  TATCTATTTG  ATCAAGGCAT  GGTTAATCTA  TCTTCATTCA
337951  GGAAATATTT  TCCTAATGTT  TCTGCTCCCA  CAGGCATCCT  CCTCCCCGCC
338001  CCGCCCCCCC  CCCAACCCGG  GGATATTAGT  GACTAAAACA  GGAAAACACC
338051  ACCACTTCAT  GGAGTGGCAT  TCTGTTAACA  AGTAGGGAAG  AAGTATAATT
338101  ACCATAGAAA  GAAACAAGGA  CAAGATGGAT  TGTGAGCTGA  TAGGTAAAAT
338151  GGTAGAAAAT  AAAACAGTGA  AAGGGAATCA  GTATGTATGT  GAGTCTGTGT
338201  GTGTAACTGT  ATGTTTGCAT  CTGTGTGAGT  GAATATGTGA  ATGTGTAAAT
338251  GTGAGTGCAA  ACGGTTGTGA  GTGTGAATAA  AAGGAGTATT  ACTGTGTAAA
338301  TGTGTCAAGG  TGTAGTGTTT  GTGCAAGCAT  GTGGAAGTGT  GTATTACTGT
338351  GGTATGTGCA  CAAGTGTGTA  AGACTGTATA  AGTGTGTATA  AGTATGTCTG
338401  ATATGCATAT  AAAAGTATGT  ATATATAATA  TTTGTATAAG  AGTGTGTAAG
338451  CCTGTAAAAG  TATGTATGTC  TGTGCATGTA  TGTGTGTGTT  ACTCTGTGTA
338501  CTCATGAGTG  TAAAAATGTA  TAAGTATGCG  TGAATGTGTG  CATGCATGTT
338551  TATTGTATAA  GTTTGTGTAT  GTTTGTAAGA  GTATGTGAAT  GTGTAACAAG
338601  TGTATTTGTA  TGTGCGTGTA  ATATTCAAGT  GTATGTGTGT  AAGTGTCAAT
338651  GTGAATGTGT  ATAGAACTGC  ATAAGTATTT  GTGTGTGAGT  ATATGTATGT
338701  AAATGCATGT  TTATGTGTGT  GTTGGTACAT  GTATCTAAAT  GTGTGTGAAT
338751  GTGTAAGCAA  CTGTAAGTCT  GTGTGTGTGT  GTGTGAGTTG  TGTGTGAATT
338801  GTGTGTGTAT  ATGAGTTGTG  TGTGTATGTA  TGAGTATGTG  TGTGTGTGTG
338851  TGTGTGTGTG  TGTGTGTGTG  TGTGTGTGTG  AAGCAGTTTT  AAACAGGATG
338901  GCTAGAGCAG  GCCTTTCTGG  GAAAGTATTA  TTGAATAAAG  GCCCAAAGAA
338951  TACAAGAACA  CAGCAGAGCT  GGGAAAAACA  CCATCTGTGA  GGAGTGTGGA
339001  GGTCCTGGGG  CAGCATAGCA  TCTCCCATAT  TGAGGACATT  AGAGAGACTT
339051  CAGAGCAAGG  TAGTCAGGGC  CACAGTTGGG  AGGATGATGG  GGCCCTGTAA
339101  GAACCTCTGC  CTTCCCATCC  TAGTCTCACT  CTTAGGAGAC  TGGAAACCTG
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117

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339151   AAGTTCTAGA AGGATCCGGG GTCTGCAGTC TACATGCCTA TGTGTCCTCC
339201   AAAGTCACAT GTCGACACCT ATCCTAGTCT GCCAGTATAT ATCTGACTGA
339251   GTCCTCATCA ACTTGTCTTC ACTAAATATT CATTGAATGT GGTAAGTCCT
339301   TTGGGACATG ATAGCTCAAA GAGTAGAGCC ATTCTGAGCA GAAGCAGTGC
339351   CATAGAAGAA ATCCCAGAGA GGTTGGTGAG ACGGTTCAGT GGCTGAGAGT
339401   ACTTACTGTT CTCGTAGAGG ACCTGAGTTC AGCATCCACA TCAGACATCT
339451   AGTACCCCAG ATACCCCTGA CCTCCTGGGG TATAGACACA ACTCAAAATA
339501   AGAAAAATAA ATCTTTAAAA AAGGGGGGGG GGAGAAACAG AGGAAGGAAG
339551   GAAGAAAAGA AGGAAGGGAG GAAGGGAGGG AAGCAAGGAG GGAGGGAGGA
339601   AGGGAGGGAG GGAGGGAGGG AGGGAGGGAG GGAGGGAGGG TGGGTTCCAG
339651   AGAGCACATT GGCCCTTCTA CCAGGTGAGG ATGAAGAGGG AACAACCATC
339701   TATGGCTAGA AAGAGAGCAG TCTCCAGACA TAGGTTCTTC CTTGACCTTG
339751   GCCTTTCCAG CCTTCAGACC TGTGAGTGTT TGGTGTTTAA CCCACCAAGG
339801   GAGGGAGTTC TGTTACAGAG GGAGAGAGAC ATCAGGTGAC ACTGACTCGG
339851   GGACCCCATT ACTCTGGGAT ACAAGCTCCA TCTTTTCAAT GAGATTCTCT
339901   TGTCTTAGAT GCTGGGTCTC AACCCCAGGG CCTTGCACGT GCTAAGCAAG
339951   TGCCATGCCT CTCAGGTCCT CCTCCTAGTTC CTGCTTCATC TTAGGCCTTC
340001   CGCCTTCCCT AGAAGAACCT GCTCTAATTC CTGTGCATCC TAGCTACATA
340051   ATTTGCAAGG CCGAAAGCAA AACCACAGGC TTGGCATTTG AGCTGTCCTT
340101   GCTCAAAACT CAGAGCAGAA ATGAGCATTT ACTAAACTGT AAAGACTGTC
340151   GTTGCAAAAT ATTTTACTAT TAAAAGTTAA TAAGAATAAA ATATTAGATC
340201   ACTACAAATA TTTTGAATGG AAAAGAAATA GTCTGAGGTC ATAATTTTGT
340251   GTAATAAGCA ATACTTTTAC ATTGTTGTGT TGATGTGAGA GGTCATATGA
340301   TGTTTTTTGG GCTTGTTTTC TTGCTTATTC ATTCAAATGG TCGTTTGTGC
340351   TTTTAGCAAA TGAATTTTCA AGTGATGTTA TTGAAAACAA TGCCAATTGC
340401   TTTTGGCAAA GGGAAAATCA CGTACTTTGA GATACATTTA ACTTTGATAA
340451   TAAAATCCAA CGCAGTTGTT GCTGGAACAG GTATTATGAT CACATAGGTT
340501   GATGATGTTG GTGTTGATTT TTGGAAAATT ATTTGAAATA TGACTTTTAG
340551   TAAATCTAGA GGTGATGACA CTGATGAAAC TATGTTCTGA AAGATTTATT
340601   TCCTCTTACA ATTCAACTTC AAATATTTTG GTATGAATTA GCAGGTTTTC
340651   TGATAGATTC TAAGACCTGT GTGACTTGGA GGGGGGGGTC TTTGTAGTTT
340701   TCATACAACT TCGGGTGTCT TTTTATATAC TCAGTGGCCA TATCTTCAGG
340751   CATAAGGAAA ATCAACTTGT AGGTGATTTT AGTTGATAAC TTCAAGTTCC
340801   TTTGAAACAC TACATTGAGT TATTTTCGTT TTGTCAAACA GAACTACCTT
340851   CACATTTGAA TTCTATTTCT AAGCCGGTAG AAATATGGTT TGTATTGTGC
340901   CACAGTTTTC AAAACCAGAG GTTCTCAACA GTTGAAAATA GCTGAGGTAA
340951   TCTCACGACG CAGCTCTGAC TATTCGTAGA CTTATGATCC TCCTGCCTCA
341001   GCTCAGCGAG TCCTGGGGTT ATTATTACAA CACCCCTAAT GTCCATTACT
341051   GGAATGTTCT TCTGTGCACT CTTAAAGTTG TTTAATAATT TATTAAACAA
341101   CTTTCTACCT GAGCATCAGC TATCACTGCC CTAGTGTTGA CTGGAGAGGT
341151   AGCATTTGTC CAGACGCCAA AGGGAAAGTC GTGGGATGTT CTGACAAGCT
341201   GTGTCCACCA CATGCCTCAG GCTGCTCTGG GAGAATCTCC TCCTCTCTCC
341251   CACAGCTGTT GCCGCTGACC CTGCAACTGC TCCTCTCGCT GCTACACATC
341301   ACCTCAGCCC CATGCCTCCC CTTGTCAATC TTTCAGGTCC CCAGTGCTGG
341351   GGCTTACATG TGGGTACTAA GTCATGAGTC AGCTATCACT CACTGGCCAC
341401   TGGTATACTT ACAAGCTGAG CTTGCTTGTG GATGGTAGCT TTCCATTGCT
341451   ATAAAAGGAT GTCTGTGGTG GTTAATTTAT CAAGAGAGGA GATTTGGAGT
341501   TTCTTCCTCA TGGCTGGTTG CCACCATTAC TTTGGACCAG ACAGCAGGTA
341551   ATAGTGGAAC CATGTGCCAG GAGTAAATAT ATTCTAGCAT ATGTATCCAC
341601   AGAACAGCGT TTATTACAGT CAAAGTAAGT TAATGTAACC AACCTCTCAT
341651   TGTATGTGTA TGTGACAAGA ATCCATTAGA CTGCTCTCTT AACAGATTTC
341701   TAGGGTAGAC TCCAATATCA TCCACTACAG TCTCCACATT GGCTCACCGG
341751   GCTCATTCAC CCCCAAACAG GGCTCATTCA CCCCATAACA GTGCAGTGTC
341801   ATACAGATTG GCCAGTCTCT CCTCATCCTC CTATTCCCCT GTTCCCCTGC
341851   CTCACTATCT TTGTTTTCTC CCTTGCCTGT TTTGTAATAA AGTTTTATTG
341901   AAACATCATT GTTCGCTTGT TGCATACTGT CTGTCTGGGG CTGCTGTGTG
341951   TCACAGCAGT AGGGCTGAAC AGCGCAATGA GGAATGTTTG GCTCACAACA
342001   CTTGCTGTGT GGGACTTTAC ATAACAGGTT CACTGACATC TCTACTAGAC
342051   TATAAACCCC ACAAGGCGG GGATCACATC TGTCTAGTCC ACACTTGTGT
342101   TCTCTTCTCC AGGCCTAGTG CCTACAAGGC ATGTAGAGTG TGCTCAGTCA
342151   AGCTTTGTTG AAGAAAAACA AAAAGGAAC ATTAAGTGTG GTAACCACAC
342201   TAATATTTTT GAAGTAATTT ATTTTCTTAA AAGAGTCACA TAAACCTTCT
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118

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342251   GTTTGACTAC  ACTTTAAAAT  GTCTGTATAA  GAAGGATGCT  ATCTACTGCG
342301   AAACTGACTC  TAGGAAAGTG  GCAGGAGTTT  GTCTTTTGGC  TTCACAAGTC
342351   CTCTGGCACA  TTGCCCCTGC  ACCAGTCTGA  AGAGTGGGCA  TTGAACACAT
342401   AAAATCACAC  CACTCAATAT  TTACTGAGCA  GACTGGGGCC  AGGGGTAAGA
342451   ACAAGGTAAC  AATGGTTCCA  CCATGACTAG  CCCATCAGCA  CAAACAGGGA
342501   TGGAAAGCCA  CAGGGAAACA  GACTCAGGGC  CTGTAACGTT  TGCTAGTACA
342551   GATCCAGAAC  TATCTGAGAA  AAGGTATCAA  GTGCAAGGGA  ATGGTCCTGG
342601   AGGGAGTGCT  GTGGGTGTTC  AGAGCCTGGA  CATACTCTTC  GTGGCTATAG
342651   AGGGAGAAAA  AGACTTCAGC  CCAGACCCTG  TCTGGACTCA  AGTCCAAGAT
342701   GAGGCTTGGA  AAGCTTGTGT  TCTGTAAAAG  GGGTGTTATC  AGCCCTGCTT
342751   TACAGAATTT  TTATTATGGA  GAGCTGATAA  GACCTGAAGA  ATGGATTAAG
342801   AGGCTAGCAA  AGGATTAGGA  GGAATTAAAG  AATAACAATG  GTGTGATCCA
342851   AGGCACAAAT  ACTTAACACT  TGGGAAAGAA  CGGATTTGGG  AGAGATTACG
342901   AATCATCTGT  AGACCATGGT  GTTAGGAACT  CTCCAATTTG  GAAAAGTGTG
342951   ATAGCGGGAC  ACTTGAACAG  GCTGGGTGGG  GCTGGGCCTG  GTTTTCAGCA
343001   CAAAAATGCA  TACGTTCAGA  AAGGTAGGCA  AGAAAATCAT  TCCAACCAGT
343051   AACATAGTCA  GGTCTTATGG  TGAACTGGAA  CCCTATTCTG  GTCACCTGAA
343101   TAGGGACCAG  ACTTGGGTTT  CCGTCATATT  GGATGCATTC  CTTGTGGGAT
343151   AGCTGGTGCA  GTGGGACCAA  CAGCAACACC  TGAGGCAGAG  TGGTAAGGCC
343201   ACCATCTCTA  GATGTTGCTG  AGCATCCAGT  AGGTTTCATA  GCTGGTCTGG
343251   TGAAGTCACT  GAGAGATGGG  GTTTTCAGGG  AGCTAGGCAT  GAAACTAAAC
343301   ATGAAGACTT  CAGGCTGAGG  AAGCCTTGGG  AAGATCTTAT  ACATTCCATG
343351   TGAGTTTATT  TGTTATATGA  GATCAACAAT  CTGCAAGGAT  TTTTAAGGCA
343401   AAGAAGCCAG  AGATTATTTA  TGACCAATTT  TCTCAACAAG  CTCTGGAAAG
343451   CCAATTCACA  GAATCACTGA  TGTTATTTTT  TTATTGCTGT  CTTTTATGGG
343501   GACTTTACTC  ATTTCTTAGA  GGAACAACTG  TAGAGGAACA  ATTGGCATGA
343551   AAGAGGGTTG  CTTGTGGTGA  GGTTGGTGTT  TCTTGCCTGC  CTTGAGAGTT
343601   CTATTGCTGA  GGAAAACAAA  CAACATCCCA  ACCCTCCATG  ACGCGACTCT
343651   TTCCAGAACC  TTCCATGGAC  ATCACATGTT  GTAGATTTGC  AGGGGCCTGG
343701   AGCTTGCAAC  ACATATTCCA  GGGATGAGTT  GATACAGCTC  AGTTGTGGAA
343751   TCCTCTTTGT  GTAAGAGAGA  GAGAGGGAGA  GAGGGAGAGA  GGGAGAGAGA
343801   GAGAGGGAGA  GAGGGAGAGA  GGGAGAGAGA  GAGAGGGAGA  GGGAGAGGGA
343851   GAGGGAGAGG  GAGAGGGAAA  GAGAGAGAGA  GAGAGAGAGA  GAGAGAGAGA
343901   GAGAGAGAGA  GAGAGAGAGA  GAGAGATCTT  GTTGTGCTTT  TTGTTTTCTT
343951   GGGTTTTTTG  TTGTTGTTGT  TGTTTTTTAA  GCTGATACTT  AGAAACATCT
344001   TCTGATGGAG  CAGAAGGCTA  AGGGACTCAC  TGATACTGCT  CTTCAAGTCT
344051   CTGCTGAGGA  CAAACAGGAC  ATCTCTCTGC  TGCTCTACCC  AAGAGAGAAC
344101   GTTTATATAT  TTCTTTATTT  AACCATTAAA  GAAGTGCCTC  AACACTCAAT
344151   GAGTCTCTTT  CTTATATGTA  TTTAAATTAA  AAGTAATGAA  GTTGACTTTA
344201   GTAAATGAGA  GAGGTATCCC  ATATCCTGTT  CTCTGACAGT  TTTCACATAT
344251   GACATAAAGT  GCATTTTAAA  AAATGATTTA  GTTTTACTTT  ATATGCAATG
344301   GTGCTTTGCC  TACGTGTATG  TCTGTGTGAG  TGAGTGCATC  AGATCCTCTG
344351   AATCTGGAGC  TACAGACAGT  TGTGAGCTGC  CATGTGGGTG  CTGAGAATTG
344401   AACCCAGGTC  CTCTGGGAGA  GCAGTCAATG  CTCTCAACTA  CTTACTCATC
344451   TCTCTAGCCT  CTGTAATGGT  CTTCTGACAA  CCCTGGGCTC  CCATGCAGAC
344501   CCACTGGATT  GGAATGCTGA  CTCCAGCTCC  TGGCATCTGT  GTGATCTGGC
344551   AAGCTTCCTA  TATTTTATAG  GCTTCCATTT  TCTCATCTGA  GAGATGAAGA
344601   TAATAATAGT  ATCTATTTAA  AGATTAAATG  AGAACATCTC  CGGAGTGGCT
344651   AGCTCAGTGC  CTGGCATCCA  CTGCGCCAGC  TGTAACTGTT  AGGATTATTT
344701   ATTACTGAAA  TCAGGGAGCT  GGAGGTTTGA  GAGATGGCAC  AGCAGCTAGG
344751   AGCACATGCT  GCTCTCAAAG  ACCTGCATTT  GACTCCTAGC  ACCCACGTGG
344801   TGGCTCACGA  CCATCTGTAA  CTCCAATTTT  AGGTGATCTA  ATGGCCTCTT
344851   CTGACCTCCT  TGGGCACTGC  ATGCATGTTG  CATGCTTACA  TTCATATAGG
344901   CAAAACACTC  AAACACATAA  AGTTAAAACA  ATCTAAAATG  AGGGAGTTTG
344951   GGGATGCTAT  TTGGGTGGGA  GATCCTAGTG  TTGTGGCGAA  GCCCCTCCTT
345001   TGCACTGTGA  AGAAGTTTCT  GGAGACAGTT  GGGATGTTTA  CTCAGCAATG
345051   TGAATAGACT  TAACTTGACT  CAAAGGTGGT  TTAAAATGCT  AAGCTGTATG
345101   TCCTGCATAT  ATTATAAGAT  GAGTTAATAG  ATTAAAATTG  AAGTTATTTT
345151   TAAAGGAAAA  AGAAATCTCT  AAGAGATTTC  TATTCTCCAT  GAAGTTCAGC
345201   CTTGCTAAGA  CTTTTGTGAA  TTGCTTTGGG  GTGTCATCAT  TTAGACTGTA
345251   AATGAAGGTC  CTTCAAGGTC  CACGTGTAAA  CAGTTGGGTT  GTCAGTCTGT
345301   GGTACCAGTG  GGAGGGGGCA  GACAGGTTTG  GAAGAGAGGC  CGGGTGGAAG
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119

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345351   GAAGGAGGTA   AGCCACTGGG   TAGGGAGTGT   GTCCTTTAAG   GGGATTTTGA
345401   GACCCTGCCT   TTCCCTTCCT   CTCATTCCTT   ACCCACCCTG   GAGTGAGTAC
345451   CTCCTCCAGC   CTGTGGTCGT   GTAATGATGC   GCTCCTGCAC   AGTGATAGGA
345501   TGAGGCAAGC   CCCCCGAATG   CTCTGAAACG   AAGATCCAAA   CTAAACCTTT
345551   CTTCCTTGTA   AATTGTTTGA   CTCGGGCATT   TTCTTATGAC   AGTAGAAAGC
345601   TGACTAGCTG   CTGGGTGAAG   CCGCTCAGAT   GACTGTTATG   CTAATGTCCT
345651   GTTTACAGGT   GTAGTAGAAT   ATTATTAATA   GTGTCAGGAA   TAGGCTATCT
345701   CTCGTAACAT   AGGACTCAAA   TTCCACTAGT   CATTGGTTGG   TCGTTTCTTC
345751   ATTTTCCGTT   CCCTCTTTAC   CCCTGTACTT   TTGTTTTGTT   GGTTTGTTTG
345801   TTTATTTTTG   TTGTTGTTTT   TTTGTTTTGT   TTTTGTTTTT   GTTTTTGTTT
345851   TTTTTTTTTT   GAGACAGGGT   TTCTCTGTAT   AGCATTGGCT   GTCCTGGAAC
345901   TCACTCTGTA   GACCAGGCTG   GCCTCGAACT   CAGAAATCTG   TCTTCCATGT
345951   ACTAGGAAGT   GCTGGGTGTG   TTACCACTGC   CCACCATACC   CGGCGATAAC
346001   ATTCAGGCAG   GAAAAATTGT   TACTAGAAGG   TTTGGGAGGG   GTAGAAAGAA
346051   TTAGAAATTT   CAACCATAAA   GTTTCGACAA   GAGATCATGT   TATCAGATTC
346101   ACAGTAACTA   TCTATCTCTT   ATAAGTTGAC   CCTAATTAGA   TATTGTGATC
346151   TCCTCTCGTC   CTATGGGTAT   GACTTGTCTG   TGTAATAACC   TCCATTCCTG
346201   ATTTTTATAC   ATACATCCTC   CCCATACTTG   ATCCCTATTA   CCCTACTATA
346251   CCCCTTTTCC   CATGACAGAT   TCCTACATTT   GCTCATGCCA   GATGTATGAA
346301   ATATTACATA   TTTTCAGAGA   AATCCAAACA   TCATTCCTTG   GACATTCACT
346351   GATACTTACC   CTCTTTGAAT   CTGTCGATTG   TACGATGGCT   ATCCTGTACC
346401   TTAAGACTCA   TGTCCACTTA   TACAGTAGGT   ACATATTACA   CTTGTGTTTA
346451   CGCAGATGCA   TTCTCTGACT   CACAATGATA   CTATCAAACA   CACATCCAAC
346501   TGCCTGCAAG   TTACATGATG   TCATAGACTT   TAAAACTGAG   CAATATGAGC
346551   ATTGCGCAAA   CGTACCATAT   TGTGATTATC   CATCCTACAG   TGTAGGGATA
346601   TCTAGGATAC   TACACAGGAA   CTGCCTATGA   TAAAATAGAT   GTTGCTGCGG
346651   AACATAACCG   GAGCCAGTAG   TCCTGGTCGG   TCAGGATGGA   TCCATTGTCT
346701   CGGGTATACG   ACCTGAAAGA   GTGGCATACG   CTGAGCTATT   GAAAAGTAAA
346751   AACTAGATGC   ATGTTTTCCT   GAGTAACCCC   GCCCAACATT   GGATTTTTCA
346801   ATGXXXXXXX   XXXXXXXXXX   XXXGTTTAAG   TGTCAGGAAT   AGCCTATCTC
346851   TCGTTACATA   GGACTCAATT   CCACTAGTCT   TTGGCTTGTC   GTTTCGTCAT
346901   TGTGTCCGTT   CCCTCTGTTA   CACCTGTACT   TTTTGTTTTT   GTTGGTTTTC
346951   TTTTGTTTAT   TTTTGTTTGT   TGTTTTCTTT   TTGTTTTTGG   TTTTTGTTTT
347001   TTTGTTTTTG   TTTTTTTTTT   TTTTTGAGAA   CAGGGTTTCT   CTGTATAAGC
347051   ATTTGCTGTC   CTTGGAACTC   ACTTCTGGTA   GATCAGCCTG   TCCCTCGTAC
347101   CTCAGAAAAT   CTGTCCTTTC   CATGTATTAG   GATTTAAAGG   TATGTGTTTA
347151   CCCACCTGCC   CCAGGCTTTA   CCTCCTGGTA   TTTTCTTGTA   AGCCGGGTAA
347201   ATTGTTTAGT   TGTAGGTTTT   TTTGGCTGGG   TTGGGTAACC   CCCCATCCCG
347251   CCCATTCAAG   GAAGTCTTTC   CCTGGGCTAC   CCCATGGTTC   AAATATCCCC
347301   CTATGCTTAA   GAATCTTTAG   CTTAGTTTTC   ACCCCTCTAT   AGAATTCCTT
347351   GTGGAGTTTC   TTATTTGGTC   CCTAAAGGTT   CTAGCTGTCT   CCCGGGAATA
347401   ACCCCCATTC   GGTTCTTTTC   TACATCCTCC   CCATACTGAT   CCCTCTTACC
347451   TTCTCACCCC   CTTTCCCATC   CAGTGCCCTC   CCTCTGTTCA   TCCCAGATGT
347501   CTGTTTATTC   TCATTTTCAG   TGAGATTCAG   CATCCTCCCT   TGGACCTTCG
347551   TTGTTACTTA   GCTTCTTTGG   ATCTGTGGAT   TGTACGATGG   TTATCCTGTA
347601   CCTTATGGCT   AATGTCCACT   TATAAGTAAG   TACATATCAC   AATTGTCTTT
347651   CTGGGTCTGG   ATTGTCTCAC   TCAGGATGAT   ATTATCAAGT   TCCATCCATT
347701   TGCCTGCAAG   TTTCATGATG   TCATTGTTTT   TAAAACTGAG   TAATATTCCA
347751   TTGTGTAAAT   GTTCCATATT   TTCTTTATCC   ATTCTTCAGT   GGAGGGATAT
347801   CTAGGTTGTT   TCCAGATTCT   GGCTATGAAA   AATAAAGTTG   TTGTGAACAT
347851   AGTTGAGCAA   GTGTCCTTGT   GGTATGGTGG   ATCATCTTTC   GGGTATATGC
347901   TCAAGAGTGG   TATAGCTGGG   TCTTGAGGTA   AAACTAGTCC   ATGTTTCTGA
347951   GAAACCACCA   AATTGATTTC   CAAAGCAGAG   ACACACAGCC   AAACATTATG
348001   CTGAGCTCAG   GGAATCTTGT   GGAAGAGGAC   AAAGAAGGAT   CTAAAGAGTC
348051   AGAGAGGTCA   AGGGCACCAC   CAGAAAACCT   ACAGAATCAA   CTACCTTGGG
348101   CCCACAGGGG   CTCACAGAAA   CTGAACCACC   AAGCAGAGAG   CACACATGGG
348151   ACAGACCTTG   TCCCCTTATA   CATATGAACA   GCTTGGTCCT   CATGTGGGAC
348201   CTCAAACAGC   AGGAGTAGGG   GCTGTCTGTG   ACTCTGTTGC   CTGGCTTTGG
348251   ATCCCTTTCC   CCTAACTGGA   TGGCCTTGTC   TAACTTCAGT   AGAAGAAGAT
348301   GCTCTCAGTA   CCACTACAAC   TTGATATACC   AAGACAGGCT   GCTATCCATG
348351   GGAGGCCTCC   ACTTCTCTGA   GGAGAAAAGA   GCATAGGGGG   AGGGGAGGTG
348401   AAAGGAGAGG   AGGAAGTGGA   AGCTCTATCC   AGGATATAAA   GTAAATAAAT
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120

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348451   TAATTAAGGA  AGAAAAAGAA  TTTTCCAAAG  CAAGATACAG  CTTAATAAAA
348501   ATAATTTTAG  TATATACATA  TATTAAATAC  ATGTATGCCC  TTATATATTT
348551   ATATATAAAT  TTTATATATA  ATAGTATATA  AAATTATATA  TATAATGTGT
348601   CAACAGGGGA  GGGAAGGAAA  GGATTTGCAG  GAGGAGAGGA  GAATGGGGAA
348651   GGGAGGGAGG  ACTCAGGGAT  AGAGGAGGCC  TGTTGACCTT  TGCTTTCTGT
348701   TGATACAGTT  GCTGGTGCCT  CTAGATGAAA  ACTGACCCAG  CTCTGTCCAC
348751   CTTTTCCTTC  TAGAGTTATA  GCACATGCCA  GGAATGGCAA  CTGAGAACTT
348801   GAGTTCCAAG  GATAAGACTG  AATTCTCTAA  GTATGTTTTT  TTTTTCCCAT
348851   TTAATGACTT  TTCTTCTCAT  GCCCTTCCTC  TTCTCTGAGC  CCACTCTTTA
348901   TCACAAAAG   AAAGTGCTTC  TTCAGTGGTG  GCCAAAGAAA  TTTCCATTAA
348951   AAATAGGAAC  ATCTTTTCTC  ATGGCTGCCT  CCAATTTGCT  GGTCCTTGAA
349001   TGTGTTCCTG  GAGAGAAACC  GAAGGCCTAA  GATGAGCCTC  ACTCAAGCCT
349051   GCCCCTTTGT  GTGAAAGGGC  TTCTAACACT  GGGTATGTCC  CACATTCCTT
349101   ACATTGCCCT  GGATCCCCTC  AAGGATAGGA  GAGGGCCCTG  GCATTCAGAG
349151   AATCTAATAC  CACAAATCTG  ATGTATCCTC  AGGGAGATCA  GAACTGGGAA
349201   AAAACATGAT  CAGAATGGGT  TGCCAATAAG  CCATCTTTTC  AGCAATCCAT
349251   TGAAAAAGTG  TGCTTCATCT  ACTAGTGAAA  CTGAGAAAAC  ATGGACATCA
349301   AAATAAATAG  TGATGGCTTG  GGTTAGGGAT  GCACCTTACT  TGAAGAGTGT
349351   TTACCTATCA  CACACAAATC  TCCATGTTCT  AGGCCCACTA  CCACATAAAT
349401   TGGGTGTGGT  GGTGCATGTC  TATAATCCTA  GCATTTGGGA  AGCAGAGGTA
349451   GGAGGATCAG  TTGTTCAAAA  TCATCTTTAG  CTATGTAGTG  AGTTGAAGGA
349501   AAGCCTGGGA  TACACAAGAC  TGTCTCAAAA  AAATTTAAAT  AAATAAAGAG
349551   ATAACAACAG  AAGCACAATA  TAACCCACTG  AATATAAAGC  AGGAAGTCAT
349601   GAGTCCACAT  AGCTAAATGA  CTAAGTAGAA  ATTCACATAA  AAAGATATTT
349651   ATATACTTTA  AACTACCTCC  CCCATATACT  TAGTATTTAC  AAAAAAACAA
349701   CCACAACTCT  AACAGATGCA  TCCTTCTGCA  AGAGATTAAA  AGAGCATGGC
349751   CAGCTGAACT  CATGGTTCAT  CTGACAGGAT  GCAGCAAGAG  GACCCCAGCA
349801   TGATCCTGGT  GCCATGCCCT  GCTGACAATG  AATGACCTGA  CTGTAGTTAT
349851   ATGAAACACA  GAAAGTCTCA  AATGGAGGAT  CATTTTACAA  CATAAATGAC
349901   CTTCAAAGGA  GTCAGGATCA  TAAAAGACAA  AGAAAGACCT  AGAAAATTTG
349951   AAAATGAGAG  AGGAAAAAGA  CAGAAAACCA  ATCATAAACA  ATGTCATTAC
350001   AGATTCTTTT  AACTATGAAG  AATGGACATT  ATCGGGACAA  CTGGTATACC
350051   TCATATGGGG  TCCAAAGTGT  AGACAGTGGA  GATATATGCA  GGATGGCACA
350101   CTCATCTGTA  GGACTCACAC  AATGAAATGT  TCAGGGGTGA  CTGGATGTCA
350151   TAGCAGCAAC  TTCATATCTA  ATAATTTAAG  AAAAAATTCT  GTTGGCTGAG
350201   CTTTCTGTTT  TTTAATAAGG  AAGGAAGGTA  GGGATAGAGG  GAGAGTAGGA
350251   AGGAAGGATG  GAATAAAAGG  AATAGAAAGA  AGGCACTATC  ACAATGAGCT
350301   TCATTCAGAT  GGTCCTAGCT  TCAAGCCTTG  GGTTCTTCTT  GAACTTGAGG
350351   AGCCTCTTTA  AAGATTCCTG  TAGGAATATG  TATCCAGTTA  CTTTTACATT
350401   ACTGTGAAGA  AACATCTTTG  GCAGTAACTT  ACGGGGAGAG  GTTTACTCTG
350451   GTACATAGGA  AGTGCAGTCC  ATCATGGCAG  AGAAGACATA  GAAATTGAGG
350501   TGGCTATGTC  TGTTTTGGTG  GTACAGGTTT  TATACCTGTT  GGTCAGCCAG
350551   GAAGCAGAGA  GCTTGAATCA  GAAACAGTAT  TTTCAAGACT  ACCCTAAGTG
350601   TAATTAGACG  TTTACACAGT  TTCCCAATAG  TTCAAATCTT  AGTATGATCT
350651   GAGTGGAAAC  TGGTGGGAGC  AGAAGGGAAA  AGAAGAGGAG  AGGGGAGATG
350701   AAGAAGTGTG  AGCATCACAT  AAATGTTTGT  ATTTAATCTG  ACTACTAGAG
350751   TAGAAGGATC  CATGATCCTT  GATAGGAAAT  ATAAGTGTGT  GCACATACTC
350801   CTGTGTATAG  AAATGGTAAT  CACATCATAT  GTACACTTTA  TAACCTTATC
350851   TACTTAATAT  TTTCTGAACA  TTCCCCCCCC  CCTTTAGAAA  CAGGGTCTCA
350901   TTGTGTAGTC  CTAAGTGGCT  TAGAACTATG  TAGAACTTGT  CTATGTAGAC
350951   CAAACTGGCC  TTGAACTAAC  AAAGACCCAC  CTGTCTCTGC  CACCCACATG
351001   TTGGAATTAC  TAAAGGATGT  GGTACCATAC  CCGGTGACAC  AGTATTCCAA
351051   AGGTTAGTTA  ATAAATAGCC  ATTGGTTGTG  AATCACACTA  ATTTATTTAA
351101   CCACCCCCAG  CCATGGTTTG  GTTTAACATT  CCTGTTATGC  CATCTAGCCA
351151   TTAGAAATTG  GCATATATTA  GCTTCACTAT  GAAAGCAAAA  ATGGAAAACC
351201   ATGTAAGATA  ATTTCCAGTA  CACCTTTTAC  CGTTTCCACT  TGCCCTTGGA
351251   CAGATTGGGC  TAAGCAGAGG  ACGTTTTGGG  AAATAGTAAA  TATCGTCTTC
351301   TTGAACTGAT  GAACTAAATT  CTTTTCTTTT  CTTCCTTTCT  TCCTTTCTTC
351351   CTATTTGTTC  GACGGTAGAT  GACTCTACTG  GAGACTGAAA  TTAGGGCATC
351401   ATGCATGCAA  GAAAAAGACT  CTACACTGAC  CTGTGGCCCC  AGCCCTCAAT
351451   TTCACTGAGT  TCAAATCCCA  ATTCTCTTCT  CAGAAATCTA  GGACCTGGTA
351501   CCTAATATCT  CAATGCCTCG  GTTTCCCCTC  ATATAAGATG  GCGTGCCCAT
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121

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351551   TCACAGAGTC  ACTGAAAGCC  TGACAAGTTG  TAAAGAGCTC  ATACAAGGCG
351601   AGTGTTCATC  AGTGTTGGCC  ATTGTTAGCA  TTATGAAAAA  ATATAAGAGG
351651   CAGCTTTTGA  GGTCCAAAGA  AAAAGACAGG  AAGTAGGTCA  GCCCCATCCC
351701   TGGGATGGGA  AAGTTCCCTC  TCCTGGTGAC  AGAAGTGATA  TTGATGGAAA
351751   AAACATTTTG  TAAGGTCTGG  AGTTGACGTA  TACTCTTTAT  GACATTTTAA
351801   TCTCTGAGTA  ATAGATTCCA  TCGCCTACGG  AGCCAGGCCA  TTTCCATTTA
351851   TTGACTTTTC  CTCTTCTCTC  TCAGACATGG  AGTCTACCTC  CTGTTGACTC
351901   CATTCTCCCT  CCAGCCACCA  GGAACTGTTT  CTGGACAATG  CTCACCACCA
351951   TGCCAGCCAG  GTCTAAAACA  GGCAAGGGGT  CCTGAAGGCC  CACCAAGGCA
352001   CCCCATATTC  CTTAAAAGGA  TGCTGAGGAG  GCCTTAATCC  CCCTTCTATC
352051   CTTACATTTT  CTCCCAGTGA  TATGCCCCAG  TGATATGCTG  GGTATGACTT
352101   TGAGATTGAT  GTGTTGGTGG  CAATACTTTA  TAATACTATT  CAAGGCACGA
352151   TGCTGTGATT  ATGAGCATAA  CCTGGTGTTT  CAGAGCATGG  GACCCCCTGA
352201   CATGTTCACA  GACTGCATTG  TGTATGTTTA  GGTGGTATTT  TACTTAATTG
352251   AGCTGGGGAA  AGGAACTTGA  GTAGAAGAAC  AGGGCACGAA  CAATGTCTTA
352301   GTTTAAGTGA  TATTGACATTT AAAAAAACAT  TTGCAAGGTC  TGGAGCTGAC
352351   GTATACTCTT  TATGACATTT  TAATCTCTGA  GTAATAGATT  CTGAGTAGTA
352401   GTTATTGCTT  CGATGAGACA  CCACAAGCAA  AGCAAGTTAG  AGAGGAAAGG
352451   ATGTATTTGG  CTTACACTTC  CACATCCATA  AGCCATAAGT  GAAGGAAGTC
352501   GGGATAGGAA  CTCAAACAGG  GCAGCCACCT  AGCATATAGA  AGCCATAGAG
352551   GAGTGCTGCT  TACTGGTTGC  TCAGCCTGCT  ATCTTATAAA  ACCTAGGACC
352601   ACCAACCAAG  GGATGGCCCC  AGACACAACA  GACTGGGCCC  TCCCCCATTA
352651   ATCACTTATT  AAGAAAATGC  CCTACAGGCT  TGTTGACAGC  CTAATGTTGT
352701   AGCAGCATTT  TCTTCATTGA  GATTCCTCCC  TCTCAAATGA  CTTCAGCTTG
352751   TGTCAAGTTG  ACAAGAAACT  ATCCACCACA  GGCGCCTATG  ACACACACTT
352801   GCTGGGAATC  TCACAGTATG  ACTCAAGGCA  AGCTGAGTGA  GGGTGTGGGC
352851   CAGCCCTTCC  TTTCAGAATT  AAGGGATAAT  TTATTTCCCC  TGGGTCCCCA
352901   GTTAGAACCC  CATTTATTGG  AAATTCCCAC  TGGATTTTCC  AATTCCTTTC
352951   CTTTTCCAAC  ATTCGGTGGG  TTTCTCTTGT  TATTTTCTCC  TTGGCTTCCG
353001   GAAACCCCCT  TTCCTGGTTC  CAATTTTNTN  TTCCAGGAAC  CCTTATTGGG
353051   TTTGGAAGGC  CATTGGGCAG  GAAAACCAAA  CCACCAGGAA  AAAAGGAAAG
353101   GAAGGAAGGG  TTCTTCCAAT  CCCAAAGGGA  ATTGGCAAGT  TTGTTAAGAA
353151   CAGGGGGGCG  GGCACCACAC  TCATGGCCAT  TTTTTTTTTT  AACCTCCAGC
353201   TGAGAGCATT  GATTGGACCA  TTAGCCAAGG  AGCTGTGGGA  TTTCACAGGG
353251   TCTGCCCACC  CTGGTTCAGG  CCTGGTTTAG  TCACCATAAG  CTTCACATGG
353301   CAGAGAAAAA  TAAACTCACC  TCGAAGTTTG  ATTCAGTCCT  GGGAAAACTG
353351   CCGCCAGCAC  ACCTTTGGTG  TCAAGGTCGC  TCCTTATCTT  ATCAGTAAAA
353401   ATCCCTAAA   ACTGCTACGG  GAACTTCGGC  TCCCTGTCCT  CATAACCTGG
353451   AGGTGTAGCT  TTCTTCATGC  TTTGAGAATA  AAGATAAAAT  GAATTATTAA
353501   TTTTCCAGGG  CAGCAGCGGG  TGATGCTTGG  TCAAGGAGTG  AGGAAGACGA
353551   GCAGTCAAAC  TTCTATACAT  ACGGCAGGGA  AAAGTCATAG  AAGCAGGCGG
353601   ACTGGAGGAA  GCCAGAGGTG  GGGAGTTTCC  AGAACGGCTC  TCGGAAGGAG
353651   CAGTGGCCTT  TGTATAGTGA  ACCTCCAGCT  CCAACTTCTT  CCTGGATTCA
353701   CAGCCAGAGA  AGTCATGCCG  TGTGGAAGCC  TGCTGGTTTC  TAGAACTCCA
353751   TAGAACATCT  ACCTCTGTCT  GGGTGATTTC  TGGTAATCAG  CAAAGCCTGG
353801   AAATTTTGAA  TCATCTCCAT  CAGAAACAGA  CAAGCTATCT  TCTTTTCAGT
353851   ACGGGGGACC  AAACTAAGAA  CCCTGTACAA  GCTAGACAAA  TAATCTCTCG
353901   ATGCAGCACA  CCCTCAGATC  CCTGCCCCAC  AACTGTCTTT  TCTCCCTGCT
353951   AGTAAAACTT  TCCAATCAAA  ATCATTTTCC  CACAATTAAA  AAATTATAAC
354001   TTAATACATA  TACATGGAAA  AATAAGAAAT  CAAGATTAAC  TTGTAATTAT
354051   TAAAACAGAA  TAAGGCACCA  GCCAGCCTTA  TTTCTGTCTG  AGCTGGTTCC
354101   CTTTTTCTAG  AAACCATTTC  TGTAAATTAT  AAAGTTTTAA  ATTCCATAAT
354151   GGTTACCTTC  TCATTGATTT  AAAAAATGCT  GTACAAACTT  TTGTAGTTTA
354201   CTATATTTAT  TCTCTACACA  CTGGCCTACT  ATTAAAGTGA  CTCTCACTCA
354251   CTCTTTCCTC  TGAGGCCCCC  TACTTCCCAG  GATCTATCAT  TAGCTTCAAT
354301   GGGGGGCTTT  TATAATTTAA  AACCTACCAT  GGCGTTTCTA  TTAATCTTCC
354351   TATGTAATAT  CTTCTGAAAC  AAGATTTTGA  TAACTTATCA  ATGAAAATTC
354401   AATATTGAGT  TGGGAGAGCA  GGGTGAGATG  CATGTGCTGC  CACAAACCTA
354451   TAATCCCATG  GCTCGTGAGG  CCGAGGCTGC  AGAATGAGGG  CTAGAAGCCA
354501   TACTAGGTTA  CATAACACGT  TCCAGGGTGG  CCTCGGTTAC  AGAGTGAGAC
354551   TCTCTCAAAA  AACAAGTCAA  ACAAAATATA  CACACAAAGA  AGAAAAACAA
354601   ACAAACAAAC  AAACAAACAA  CACACACACA  CCAAGTTGTA  ACCTGTAATT
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122

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354651   TAGATATGAA   GGTCACAATG   AAATGGCTAG   AAAGAGATTT   TTGGTTTTTT
354701   GTGGTTTTTT   TTCCAGTAAT   AATACAATCT   CAGGGGTCAC   AGTATGAGCG
354751   AGCAAATGTC   CTGTAACAAA   ATTATCTTCA   TGTGTAGGCA   TCCACTAAAG
354801   GAAGTTTTGA   ACTTTCTCTG   ATTGGTCTGA   CAGGCATGCA   AATAGCGATT
354851   CTGTAGTCTC   TGAAATATTT   TGCATTATAG   CTGAATATGA   AAGAAAAAAT
354901   GATTAATTTA   CTCCTTAAAA   TTTTTTATTG   TATTTATTTA   TTGGTGGGGG
354951   CATGCCAAGG   TGCACACTCC   AAGGTCAAAG   GACAGCTTAT   AAGAATTCGT
355001   TCTCTCCTTT   GACCCTGTGG   GTCCTGGAGA   TTAAACTCAG   GTCATTTGGA
355051   TTGCATGCCA   AGTGTCTTTA   TCCACTAAGC   CATCTCACCA   GTCCAAGAGT
355101   AATTAGTGAT   CAAATATTAT   GAACTTATAC   TAAGTTACCA   TTATATTATG
355151   AAGTTTATAG   ATTTCCTATT   ATTGTTGTTA   TTATATACAT   ATGTGTGTAT
355201   ATAATGTGTG   TAATAAAATG   TCAAATGTAA   ATGTATGTAT   TATGTACAGT
355251   ATACTTTGGG   AATGATCATG   TGAAAGATAT   TTAAGTTTCC   AAAAGCACAC
355301   ATTTTCCCAA   GGATACTTTT   CAGCCACGTT   CATGAGCCAT   CTTTGCCACT
355351   CAGTTGCGAG   AATCTCAGAG   AGCTTAGCCA   CCGCCCTGCT   GACTGCTACC
355401   GCTCTGCCTC   TGCCTGGGCAG   GTGGACACGC   TCCTTGGGGT   ATCTTGCAAT
355451   GAAACTGTTC   CCCACAGGTC   CAGGTGTTTG   AATATCTGAT   TCCCAGTTGG
355501   TGGAGCTATT   TGGATAAGTT   TAGGGTGTTT   GGCTTTGCTG   GAGGAAGTGT
355551   GTCACGAGAG   AGGAGGGCTT   GGGGTAGGGG   TTGAGGTTTC   AAAAGCCATG
355601   TGTCATTCAC   AGGTCAATAA   TTACACAGGT   CAATAATTAC   ATTCACAGGT
355651   TAATAATTAC   AGATTAACTT   GTAATTATTA   AAACAGAATA   AGGCACCAGC
355701   CAGCCTTATT   TCTGCCTCGT   GCCTGTGGTT   CAAGATGTGA   GCCCTTAGCT
355751   TCAGTTCTGG   ATGCCGTATT   TGCAGCTTAC   AGCCACATAA   GGCTCACACC
355801   ATGACAGACT   CTTTCCCCTC   TGGAACATGA   GCTAAATAAA   TCTTTTCTTC
355851   CATAAGTTGC   GCACTCATCA   TGCCTTATTA   CAAGAATAGG   AAAGAAACTA
355901   ACCCTCTAC   TTCCCGAGGC   CCTTCCTGTA   CACATATCTC   CTCTCTGAGA
355951   CATTATTAAT   AGTCTTACTG   CCTCCCTAGA   TCCTGGAGGA   GAAATGTAGT
356001   CTCCCCTTTC   TTGAGTCCTA   CAACGCACAG   CTCCTCACGA   TATCCTTCCT
356051   TATTTTACCC   CTCAACTTTA   CATAGATCAC   ATGGTACAGA   ATGCCCCAGG
356101   ATATTCAGCT   AAGGCTTAAG   TACGGTTCAG   ATATTTTCCT   TGAATGCTGA
356151   GGATGTGGCT   CAGTTGATAA   AGTGCTTGCC   TGGCATGCAC   AAACCCCTGG
356201   GTTTGATACA   CAACAGTATA   TAAACATGAT   GATACATATC   TGAGTTCTTC
356251   TCTGCCAACT   GTTTGTATGA   AGTCTTACTC   ACCACCCCAT   TCTCTTGCCT
356301   TGGTACAGGC   TGCTGGGTGT   CAGAGCCACC   TGCACTTACA   GCTCAAAGCT
356351   AGAACGCTGA   CCACAGAGTA   TCTCAGTACC   CAGGGGTCAC   ACTTACCAGC
356401   ATGGAAGAAG   TCCCTTGACT   TGACTGCCAC   ACATTTTTTT   GTCTAGCAGA
356451   TCATTAGGAC   CCCCAGGGGT   GGATGAATCT   CCCACCATAT   CCTCAGCTGA
356501   TGGATAATAC   CCCCATCACA   GAAAAAAAAA   AGAAAGAACA   AAAAACAAAT
356551   TGAAGGAGCT   TTCTTCTTCC   TGGTGGTGCT   TTCCAAATCT   ATCGTTCAAG
356601   CTGTGAACGT   ATGCTGTCAC   TAGTGTGTCT   CAAGGTACCT   TTGAAAGCAG
356651   TCAGTAGACA   CTGCTACACT   GCTACTTTCT   CTTTTCAGCT   GTTCAACCCT
356701   GCTGCCCAGA   CAACATTACA   ATGACCTCAT   GTGAACAGTG   GAAGGGCCAC
356751   GAGATGAAGG   GAAAGGATTC   CAGCTATGGG   TTCAGAGCAT   CTGTGCTTTT
356801   AAAACTGTAG   CCCCTCCTGG   CTCTGCTCCT   AGAGATCTCG   CTAGCGCCTT
356851   GTGAATGTGG   TGAAATCTAC   AGATGTGTGT   GTGTGGGGGG   GAGGGGGGTT
356901   CAAAAGGCAG   AGCGTAGCTT   TTCCGGAGTT   AAAGGTCTGG   GCTCCTCCTG
356951   CTCTGAAGGT   GGGCTGCATC   TTAAGGGAGA   TGAGAATTAG   ACATAAAGGG
357001   TTAGTGTTTA   CTCACGACCC   ATGAACTTGG   GAATATAAAG   GGGCTACTGC
357051   CTTAACACTC   CAACATGGGG   GCGCAGGAGC   CTGAAGGGTT   ATGTAAGGAG
357101   AGAAGAAGGT   GTGGGCTAGG   ATCTAAGTCC   TCTTCTCTGA   AACACTGCAC
357151   TGAGTGTGTA   ACCCCAGGGG   GCAGCTCTTG   CATTCTCCTT   TTGAATTGTT
357201   GTGCTTTGTG   TTACTTAAGA   CATAGACCCA   AACATATGTT   TCTATGAATC
357251   TGAAGAAAAA   CTTAACTGTT   AACATCTTAT   TCATCTTCAT   GGAACTTTTT
357301   CTCAGAACTT   AGAATGCTCT   GGAAAAGAA   AGGGGATGTG   AAGAAACAGG
357351   GAGATGAGAG   CGGGAGAGGA   GGGAGAAGCA   AAGGAAACTC   CAAGGCCCTT
357401   CATCAGGCTT   GCTCTGCTTG   CAGCCCCACG   GAGAGGAGCA   GCTGTGCTAA
357451   GAGGCTCGTG   TGTGTGTGTG   TGTGTGTGTG   TCTGTGTGTG   TGTGTAAGTG
357501   TTGTGTATAT   GTGTGAGAGT   GTGTGCATGT   GTGTGTATGT   ATATGTGTGT
357551   GAGTGTGCAT   ATGTGAGTAT   GTATGTTTGT   GTGTATGTGT   GTGAGTGTGT
357601   GTTTGTGTGT   CTGTGTGTGA   GTATGCATGT   GTGAGTGTGT   GTTTGTGTGT
357651   ATGTGGGCAT   ATATGTGAGT   GTGTGTATGT   GTGTGAGTGT   GTGTATAGAT
357701   GTATAAATCT   GTGTGTGAGT   GTGTAGATGT   GTGTGTATGT   GTGAGCATGT
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123

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357751   GTGAGCATGT  GTGTGAGTGT  GTAGATGTGT  GAGCATGTGT  GAGCATGTGT
357801   GTGAGTGTGT  GTGTGAGAGA  GTTTCTTCCT  TCTTCCTCAG  TTTTGCAGCC
357851   CAGACTTTTG  CCCATCTGGA  TGCAAACCCT  GAAGCTTCCA  AGCCTCCAGA
357901   CTTGGCCTGA  ACCCAGACCA  AAGAAGAATC  CCGTTGTCTT  ATATCTGCTC
357951   TCACACTCAG  GTTGGGGATG  GATGAAGAGG  ACTTTCCCTT  GAGGGTGATG
358001   AGTTCCTGGA  GAGAAATACA  CTTCCGAAAA  GCAACGTCAG  CATGATTTAT
358051   GCAACAGCCC  ACTGCCAGGC  TTCTTTCATT  TCTCTCCAAC  TCTGAAACAC
358101   AGGCTAGAGG  TTACTGCTTA  TCTTCCATCC  CAGAAGGAGA  CTCTGATCAG
358151   AGGAGAGCTT  GGTATTATGC  CAGGATCTGA  ATTGGAAACC  ACAGCCTTGA
358201   GACGATGCCA  ACTGGGCCAA  TTAAGAAGGT  GTTGACGACG  CTTCCCAGGA
358251   ACGGGTTTCT  AGATATTTTA  ACTTTGATGG  AAAAGTTTAA  GCTTCTAAAA
358301   ATCCCCAAGA  ACCTCATATT  TTCCAGGGAC  TAGTGCCTGG  ACTCTTAAAG
358351   GCTTCCAAGA  AAACAGGATT  CTCAGAAGCC  CTTTCGACCT  TCAAGCTCAC
358401   TGGACCAATC  AAGAAGTATA  TGGAAAAACA  AAAGCAAAGA  AAACCAGGCC
358451   TTCTCATACA  CCCTGAGAGA  CTTAGATGAG  TTAAGTGTTT  GAAGAAAAAG
358501   CTTGCTGCCA  ATTAGGACAG  TGTACTGGCT  TTGAAGAGTG  AGCCTCATCC
358551   TGTTCTCCCC  ACTTTTGGCT  GCCAGGTATG  GCAAGGTTGG  TCAGCAACAA
358601   TGTCAGCATA  AGGGGCCAAG  ATTAGCACTG  CCTCCCCCTG  GAATGTTCTC
358651   AGAATTCTGG  CACGCTTACT  AACCTTCTTC  AAAACTGGCA  TACACTGGTA
358701   ATTACAATGT  AAAATGCAAA  TGCCCATAAA  CTCTGTGATC  TTACTGCAAA
358751   CCCTGCAATG  TGGCTCTCAC  GTCTGTCTTG  GAGACAAGAA  AGCTAAGACT
358801   CCGAGGAATC  AAGAAATTCG  TGGGAAGTTC  AGTTGCACCA  AGAAGTTCAT
358851   GGGAAGTATG  AATCAGACAG  ACTTGAACTT  GGGTACTCTT  ATCAACACTT
358901   GGGAGTTCCT  AAGAACAGGT  GAAGGTGAGG  TCATGACCAA  CACGGTTGGA
358951   GAGTCCTGTT  GCTCCCAGCA  TTAACCCTTC  AGCTACTGGG  CTCCAGTATT
359001   GATGGAATCC  TGCAATAGAG  ATCCTCCTCT  AGGGGGAGGG  AATTCCAACA
359051   AATAGCTCCT  GACAAATGGC  AAAGGAAATG  GTGAAAAACA  GCAAAGACAT
359101   TTAATCAGCA  TATCTATGAC  AGTGAGACAA  AGGAGACCTG  CACCCTTATC
359151   TCTGTTCCTA  GGAATGCTGA  TTTAACCTCT  CAGGTTATAG  CAGAAAGGGA
359201   CAAAGGGTGG  TGCAAATAAT  TACACATAAT  ATGTCTTAGT  CAAATGGTGG
359251   TTCCAGGGCT  GGAGAGATGG  CTCAGTGGTT  AAGAGCCCCA  GCTGCTCTTC
359301   CAGAGGTCCT  GAGTTCAATT  CCCAGACCAC  ATGGTAGCTC  ACAACCATCT
359351   GTGATGGGAT  CCGATGCCCT  CTTCTGGTGT  GTCTGAAGAT  AGATACACTG
359401   TACTCATACA  CATAAATAAA  TAAATCTTTA  AAGAAAAATC  GTGGTCCCGC
359451   TGATTATGAA  TCTCAGCATT  GGTTAGACAG  GGCCTTGTTG  CAAGAAGAAA
359501   AGCATTGATT  CCTGACTGGT  AGATTTGACT  CTGGTCACAA  GGACTACTTA
359551   ATTAAATGTG  AGGTGACTGC  CGAAGAGAAG  GAGTCAAAGT  AAAGGTGGCC
359601   TATGCAAAAT  GGGTCCCTAG  ATGGCAAGGT  TTCCTACCTT  TACTTATCCA
359651   TCGGGCGTTT  GAGGCCAGGC  AGGCAAGAAG  CGTCAATGCT  CTTAGCAAAG
359701   GTAGCCTCTA  AGTCGCCGGT  TCTCAACCAG  TGCCTTGAGA  CCCCTTGGGG
359751   AGTTGAATGA  CCTTTTCACA  GAAGTCACCT  GTGACAACTG  GAAAACACAG
359801   ATATTTACAT  TAAGATTCAC  AACAGTAGCA  AAATTACAGT  TATGGAATAG
359851   CAGAAGAAAA  TAATTTCATG  GCTGGGGGGT  CACCACAACA  TGAGGAACAG
359901   TCGTGAAAGT  CACAACATTA  GGAAGGCTGA  GAACCACTGG  GTTAAGTCCT
359951   TGCCCCCCTG  CAGAAGTCTG  GGACAGCAGG  GAGAAAGCAG  GTGAGGCCTT
360001   GAGAACGTAG  CTTTTTATCA  ACCCATGAAT  CAAGGCAGCC  CTGACACAAG
360051   ATGGCTGAAG  GCTGGAGATG  AGTCCCAGTC  GCAAGTGGAT  GAAGGGAGGA
360101   GTCAGCTCTG  CTTCAAGGCA  GCGTGAAACT  GTTAGAGGAG  GATCCATTAG
360151   GTCTTCCGGA  CAACAACAGG  CAAGCGAGTG  TTGGGTAGAA  GGAAGGATGT
360201   AAAAAGGTGG  GAGACATGAA  GCCACTGGGA  CCCAAACTCA  TTTACTGTAG
360251   CAGACCGAAG  GGTGAGGTGC  AGGGCCGGGA  AGTGGGAGGG  GAGAGACATA
360301   ATAAATGGGA  ACAGAAAGGT  ACCCAGAAAA  TGGGCACCTG  AAATACATCT
360351   TAACCGGGAA  GCTGGATAAA  GCCATATATG  CTTTGGACAT  ATAAATACTG
360401   AATGGGTTTT  TAAATCCTAA  AGTATAAGCA  ATCTATCTTT  CAAATAAAAA
360451   TGTTAAGCAG  GCATCATGTG  CAGCAGACAC  TTTCCTTGTA  CACACGGAGG
360501   TAAACCACAT  ATGCCCCAGC  TTGCCTGCCC  ACTGGGACAG  AGTCACATTG
360551   GCACCTCCTG  GCCACTCCAT  GCTGGCCTTG  AATTACAACT  ACATTTTATC
360601   TTCTAACAAT  GTTGCAAGAA  TTGGACCTTT  AAAAAAAAAA  AAAAGCTACA
360651   CTGCTTATTC  AAGTGCCTGA  CTTCTGCCTA  CATGTTCTCT  GGAGCCTTTC
360701   CTGGGTTTGG  ATGTTGGTTC  TTTTTCTTGG  AGACATGCTA  TGGAATCTCT
360751   GAGAATTAAA  TCATCACTGA  GAATCAGCCA  CACAGTTCCA  CTGTCTCTGA
360801   TACTGTCCTA  CACCTGGATT  CCCGATAGCC  TAGGATGAAC  TCATTCGGAT
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124

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360851   ACCCACATCT  GCAGGACGGG  CACCTGCAGT  CAATAGGGAA  CCATAAAATG
360901   TTGCCATTCC  TCTGGGGGGG  TCAATGCTCC  AGCTTAGAGG  GTTTCTTTAG
360951   GTCTTCATTC  ATGTCCCACA  TAAGTCCAAA  TTATCCTGAT  CTCCTGTTAA
361001   TGCAGACTTA  TTATGAACCA  TGCAGTTACA  GCAATAAGGG  CAAGCAAGTA
361051   CAAATCACAC  TTAAGCCGTG  CAAAATGTCC  TATTCTCCAC  ATAAATATCT
361101   GGTGAATTTT  ATTCTTCACT  AATTTGATTG  CTTTTGAAGG  AGGACCTCCA
361151   AAGTGTTTCA  GCTTAGTTCA  CAATACAAGT  GGGACACATT  TTTGGGGTAA
361201   AAGGGAATCT  GATCATGTGC  CTATTGAGAG  TGTGTGAGAG  AGTGTGAGTA
361251   TGTATGTGTG  TGTTTGTGTG  TACGAGTGAG  TGTGTATATG  TAAGTGTATG
361301   AGTGTGTGTG  AGAGAGTGTG  TCTGTGTGAG  TGTGTGTGTG  TCTGTGTGTG
361351   AGAGAGAATG  TGTGAGAATA  TATGTGAGTA  TCTGTGCTTG  CACAAGAATT
361401   CTTCTCATTT  TTAACGGTAG  TGACCTACAT  TTCTTTCAAA  GAGGAAACAT
361451   AATACACTGG  AAGTAGCCCT  TGACGGAGTA  CCCTGAGGTT  TGAACTCTAG
361501   TCTCAACTAT  GGGCACCAGA  AGCAACCTTG  CTCCTGCATG  GAACATCTCT
361551   TCACATACTA  GACCTTTAGC  TACCTTATCT  TGAGGGCTTA  ATGATCTCTC
361601   AGAGGTGGTG  GTGGTGGGGT  TTCTCATTTC  CTGTGCTTAA  AGCGCATTTT
361651   CAGTTAATAC  TGTAGCAGTT  GATAACGGAC  CTTAGGTACA  TTTCTGACGA
361701   CAATATAACT  GTATCCCCCA  GTTACTATAA  GGTCACCTCC  AGTTATGGAT
361751   CCATACCTGG  TAAACGACTG  CTCTCATATT  CATAAGTAAC  CCAGAACGGG
361801   AGGTTTCCCT  CAGTGATCTG  TCATTATCCC  TATTCCCTTG  TCACACCCAT
361851   GTCCTAGAGA  TGGCACTGGG  GTCAAGTCTG  TGTCTGTATC  CTTTAATGTC
361901   CCATCTGATA  TACAAGCCTG  GATGAGATGA  GAGCTCAAAT  ACAACCCAAA
361951   CTGGTTTTAA  AATAAGTTGG  GCAGAAATTA  AAGTAGTCCT  CGTGTGCCTT
362001   TGGTTATTTC  CTTCAAGGGT  GACATGTCCT  AAAGAAGTCA  GCCTGATGGT
362051   TCTCCTGGTC  CCTGACTTTT  CTCTCTTATC  CCTCCATCTT  CCGACATAAC
362101   ATCATGATGT  GAAGTAGCCA  AGAGAGCTCC  CAACAGGAAC  TAGACCAAGG
362151   TCACTTGATC  TTGGACTAAC  TCAGGTGGGG  GGGGGGGCGC  CAAACAAACC
362201   TCCCTTTAAA  AAAAACAAAC  AAGGAGCTTC  TGATATTTTG  TTGTAGCAAC
362251   TAAAAATGCT  CTAATATTTG  TAGAGTGCTT  ACTTAACGGA  GTCTTAAGAC
362301   TAGATTAGTT  GAAGAAAGGA  CTCCTTACTG  AAGAGAACAT  GGGCTGAGGA
362351   GCCCCTCTGT  AAGGCCGTGG  AGTCTGCAGG  GCTATAAAGG  AGTTGCTAGA
362401   GGACTGAACG  GAACAGCTCG  GGCCGAGTAT  GAGAGGCCAC  GAGAGAAGAT
362451   CCGTTCCTTC  CTGTGTCTAA  CACTTACAGG  GTTTTAGAAG  GCGGCATTTA
362501   AAGTTCTTTT  GTAGTAGGAA  GCAATGGTTT  TTAAGTACTT  AAAGATGATT
362551   GCTGTGGAGG  GCACTGAGGC  ATCGACTCTG  TTGTGTTCCT  GTAAATCACT
362601   TTTCATTTCC  TCTAATAGCC  TTTCCAAGCA  TCTGCTGGGT  TGTTGTTCTA
362651   GGCCGAGAAA  ATGACAAACA  AGTCTGGTGA  GTGCTTAATA  CAGATTCAGA
362701   CCCTTTGTCA  AAGAACAGTT  AGGATCAAAG  CTTTCCAGAG  GCAAGCCGCT
362751   AGGAGATCAA  AGGACATCTT  TATCTTGTGC  CTTATGGGGT  GTGACTTTAA
362801   ACACCAGAAA  TTAGACCTTT  GGAGTCCATG  TATTTACCAT  GAAAATGTGC
362851   CTTATTTCTA  GGGAAACAAG  GTCCTCAGCG  CCCTGTCCAC  ATTTTTCCCA
362901   GGAAATGGGC  AGGTGGAACA  GGCCTGTGAT  CTTCCTTTTC  TTCTCTAATG
362951   AGACTCGTGC  TTCAGAGAAG  TGCGTTTATG  TTGTTCCAGA  TGTGTGCTAA
363001   AACACTCCAG  ACACAGAAGT  GGGTGGGCCA  GGCCCCTGCC  TTCCCGGAGA
363051   CCGCGTGGAA  GGAAGTCAGG  CAGTTATGGA  AAGTCCCTTG  ATCTGTACGG
363101   ATTGATACTA  AGCGAGGGGG  CACTGACCTG  GGCTCAACAT  ACAGCAAGAC
363151   CTGTGGAAT   GAGCATCATG  GGACAAGGTG  TTAGTGGGTG  AGGTGGGCAG
363201   TGGAGCGGTG  TGTACGACCC  CTACAGGACA  GGAGTGGTAC  TACAAGGAAG
363251   TTAGAGTACA  GAATGCAGAG  CCATACTGTC  AAGATGCCAA  GGACCCAGAG
363301   GGACTCCTCA  GTCGAGTTAC  ACAGGCCTCG  TAAGCTGTGT  CAGAACTTAC
363351   TTAAGGAGAA  TGGGAAAGCA  CCTCAAGACT  CTTGGTAAGA  GATTACGATG
363401   TAGACACTCT  ACACCTTTGT  AGGAGGAGCC  ACTAACGGCC  TCTTGCTAGC
363451   GCTCGGGGAT  TGGCTTCTTC  ACCAGGTTTT  GAGAGAGTTG  CCTAGAGCAG
363501   GGAGTTTAGC  CAGCTGTGCC  CACGTGAGTG  TATTGTTGAA  ACTACTTGCT
363551   ACATAGTGTC  AACAGGATGT  CTCTGCCGGG  AGCCTGGTCT  TTGGGGGAAG
363601   ACTAGGTCAA  TCCTCCCTGC  CCCCCCCCTC  CACATCTGGT  GAAATCACCA
363651   GCTCAGGGTG  AAGGGCAACC  TAGATGCTGA  CTTCTTCCCA  TCTTAGAATG
363701   TTTTCATCCC  GTCTTGAGCG  TCTACTACAA  TTCCTTGTTT  TGTTTTGTTT
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363801   GACCATTCTG  GGTGCAGCAA  TCAGAAATCT  TCAAAGTTAA  CGTAGAATAC
363851   TTTTTTTTTT  TCCTTCTTCG  AACCGTTCTC  GCTCCTCTTC  ACTCCTATTG
363901   AGGTTGGATT  AAAAGCAAGG  GCTGACAGTA  ACTGCGCCGT  ACATGCGCAG
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125

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363951   TTGTCTCACA   AGACTATTGT   TGAAGAAGAG   GCTCATCGTT   AAGTATGTGG
364001   ATTCACTGGG   GTTTAACTGG   CACGGTTGCT   GTGTAGTGGT   GGTTTTGTAT
364051   AGATTTCAAC   CAAGTTTCTG   TAAGGATCAG   AGTTAGAGCA   TAAAGTGGGA
364101   GACAATCTGT   GTCCCGTGTT   TTAAAAAAAA   AAAAAAGGAA   AGGAAAGGAA
364151   AGGAAAGGAA   AGGAAAAGAA   AAAACCCAGA   CTCTTAACAA   TGATTCAACA
364201   TACCCACTGA   AGGCAAATGT   TAGTGGCTTA   CTGGAAGACG   TTACGCATGA
364251   ATGAATTACC   ACAGCTCACA   TCACATCTGT   AGGCATAATG   TCTAGCCAGA
364301   CTAAAAATGT   CAAGATACAA   GCCTAGCCTA   ATCCACCAGT   CTCAGGTCCA
364351   AGTAAGAGAC   ACTGTCCCAA   AAATCAAGGT   GGAGAGTGAC   TGAGGAATGA
364401   TCTCTGGCAC   ACACACAC    ACATACATGC   ACACACAC    ACATCTGCGC
364451   TTGCCGCAGG   TCCTTCGAGC   CGGATGAGAC   ACGAACGACA   CGGACACCAA
364501   ATCGGGTTCA   CGCAGCAACT   TTACTTAGGG   CTTTTTCTTT   TACAGCTCTC
364551   TTCCCCAGCA   GCTTCTTCTT   AGGGCAAGGG   CTCTCTTACT   CTACTTCTAC
364601   TCACAGCAAG   GGCTAAAACA   ACTCCTATTA   CAACAGCTTC   TCTTCTACTA
364651   CCTCTACTTA   CGGCAAGGGC   TAAAACTATC   TTCGCGCCAA   CTCACCTCCT
364701   TCTAGCTCCA   CCCCACCTCA   TCCAATCAGA   ATTCACACAC   ACACACACAC
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364801   TCACAGACAG   GCTGACAGGT   CACCATCACG   AGGAACAGTC   CAGCCTGGCA
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364951   GTAAAGATGT   CTGTCTCCTC   ACTGAACCCA   GAAGCGTGAT   TCTAACTCTC
365001   CATAATCTCA   TATTAATGGA   GAAGGAGACA   ACTTAAATCT   GCACCAGAAC
365051   CAGGCATAAT   AATGTTCATA   CTTGCAAACC   CAGCAGTTCC   AGGCCAGCCT
365101   GGCTACATCC   AGTGTGAGAC   TGGACTGGAT   AGTAACACAA   ACTAGTTATC
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365251   TCAGTCCATA   TGGGTGGAGC   CATCCCTGGG   CTGGTGGTCC   TGGGTTCTAT
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365351   CTCCACAGCC   TCTGCATCAG   TTCCTGCCTC   CAGGTTCCTG   CCCTGTTTGA
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365451   TTAAATAAAC   CCTTTCCTCC   CCACTTTGCT   TTTTGGTCAT   GTTGTTTCTT
365501   TGCAGCCATA   GTAACCCTGA   CCAAGGCAGG   AATCTGCACC   AGGGTCGTGG
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365651   AGCTGCTCTG   TAGGAGCTTA   GAAGATAAGA   ATGCTGAAGA   CAACGCAGAA
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365751   GGGGGCATGT   GTTATTTTGA   ATTAAGATTC   TATGGTTCCG   GTTAGCTGAG
365801   GCTGAAGAGT   CATCCGTGAT   CAACAAAGTG   CCAGAACTAC   GAAAGAAGAG
365851   ACCAGCATCA   CTGGGGTGAA   GTCTTCTGGC   AAGTGTTACC   TGAGAGCACA
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365951   TGGGACTGGT   TTTGAAGACA   TGAAGGAGTC   ATGGAGAGAA   GCTGAGGTTT
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366151   GCCTAGAAGG   CAAACTGTGT   GTCTGTAGAG   GGTAGAGCTG   AAGAAGTGTT
366201   CCAAGTCCTT   TGGAGGAGCC   CAGAGATGGT   GAGTGAATCC   CAGACATTGG
366251   GCATTGTGTT   ATTTACACTG   CTGAAGTTTG   GTTTTGCTTT   GTTCAGATTG
366301   TGACTGTGCC   CCCATTCTTC   CCTCTTGAAG   AAAGTATTTA   ACTTAATTTT
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366651   GAGAGCCTCA   ACTGAGAAAA   TGCCTCCATG   AGATCAGGCT   GTAGGCAAGG
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366851   CCTCTGCATC   AGCTCCTGCC   TCCAGGTTCC   TACCCTGTTT   GAGTCCCTGT
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367001   TAGTGACCCT   AAGATAGACA   CTCAAAATCA   AAACAAAATA   AAACAAAACA
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126

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367101    CCCTAAGTGG  GCCTCTCTCC  TATCTTTGTT  TTAAGGAACA  TGGCATTTAA
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367201    TTTCCTATCA  TCCCACCTAT  GGAAGAGGTG  TGCTTCATTC  ATTTTTTTTT
367251    TCTTGCTAAC  ACAACTTTTT  TATTACAGGA  TTTTGCATTC  CTATCCCTTC
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367651    CCTCTGTCCT  TTTAGCAGTG  TGTGTGTGTG  TGTGTGTGTG  TGTAACTTTC
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367751    GCCCTGCATA  GGGTCTGTCC  CAGCAGAACA  ATAATTGAGG  TGCTCAGCTA
367801    GTTGGAACAG  GGCTGACATC  ACTGAGAAGG  GCTTGCTGCC  TGCTGTGCAT
367851    AGAAACTGGT  GTTCTCTGCC  CGGGGTTTTG  CAAAAAGAAA  AGGTTTAATT
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367951    TGTGTGGGGG  TGGGGGGTGA  AATTTGCCAG  AGGTAAAAAG  AGGTAACAAT
368001    GCTTGTTGGA  TGAATGACAA  GCTTGCAGCC  TATCCTTTCT  GGAAGGGTGT
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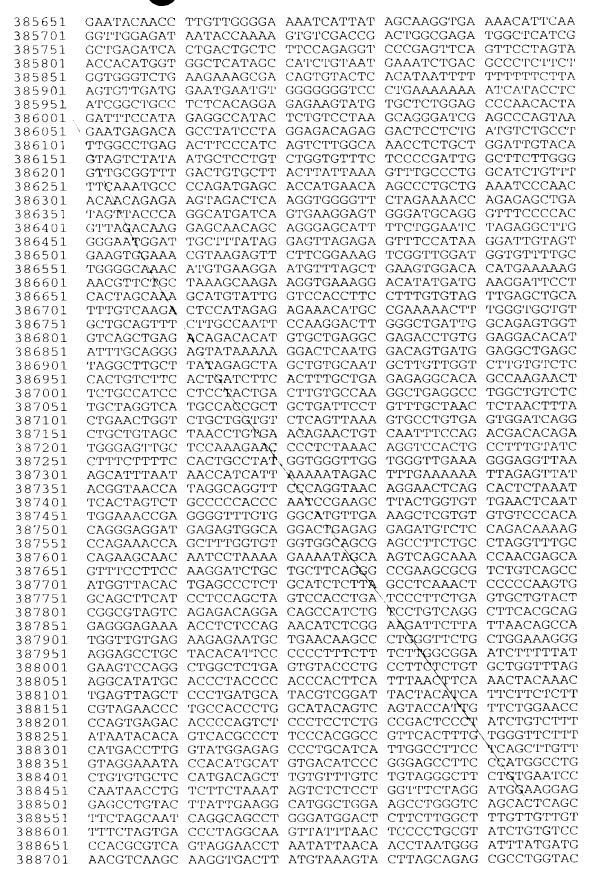
127

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370201   CATTATAAAA  ATTTCCAGAA  AAGGAATGGC  GGGCAGGAGC  AAAGTTTCCT
370251   TTGATGTCGT  AATGGCTGAT  GTTGACTGTC  AACTTGAGGG  GATGCGGAGT
370301   AACCACAGGA  ACACCTGCCT  CATCTGTGTA  CATTCCTGTG  TGCAACAACC
370351   GCAGGAATAG  CTGCTAGGTC  TGTCTGTGTG  GAAGCATCTA  GATGGAGTTA
370401   ATTGGAGTAA  GAAGAACCAC  CCTAAACTTG  GATGGCACCA  CTCCAGAGCT
370451   AAGGGTCCTG  AATTGAGTAA  GAAAGGGAGA  GTGTCTCCAC  TGGGCTGTGG
370501   ACCTGGCTTG  GTGGCTAAGA  AGACATACTG  CTCTTGTAGG  TCCTAAAATT
370551   AGAATTGGGC  TGCTCACAAC  CACCTGTGAG  TCCAGCTGCA  AGGAATCCAA
370601   ATCCTCTGAT  CCCTCTCCCC  CTCCCCCTCC  CTCTCCCTCC  TTCTTCCCCC
370651   TCCCCTCTCT  CTCTCATACA  CACACATAAA  CACGGTGGGG  GGGGGGTTCT
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370751   TCTCTGATTT  TAGATGCAGT  GTGACCAGCT  GACACAAAGC  TCCTACTTAA
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370851   GGCATTCTAG  CCCAGCAACA  ATCAAAGGAA  TTAATGCAAA  TATTACCTTT
370901   CAAATGTTTG  AGATCTACTT  CTCAACCCTG  CCTTCCCAGA  AGTCAATGGC
370951   CCACAGGAGT  GAGTCTGTCT  TCTTGTGGGG  AATAAGAAAG  GGAAGCTGGC
371001   CCTTCAGAGT  TTGTGCCTTT  GTATGCACCT  GTAATGTTGC  AAAAGTAATC
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371101   TGGCTTTCAA  TTCATTTACT  CCTCACTGCA  GCCTTTAAAG  TACCCTGATA
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371201   CTTATGAGTC  ACATACTGAA  CATGATTCAA  GCAGGACTCT  ACCCTAAACC
371251   TCTCCTCTGG  GACTCTTCAA  CCCATGGGCC  TCATGAGAGC  ATTTCTTTTC
371301   TGACATATAA  GGCAATTGCT  TCTCATTTTA  AATTTCTTGA  AAGTACTCTA
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371851   CATAGCTCCT  CACCTAAGGG  TGGAATTTGG  TGACTTTCTC  CACCATTTGT
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371951   TCATAGCTGC  TGGGAGCCCA  TGTGCATAAC  TGACCTCTCC  TGTTTCCCAA
372001   ATTCTGTTTC  ACTGCAGTCA  CCAACTGTCT  CTGGCTCTTA  CAGTCTCTCC
372051   ACCCAACCCT  TCCTCAATGA  TCCCTGAGCC  TCATGGAGAG  GGGAGCAGTA
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372351   TGCTGTCTAC  ACTTACATAC  CTTCTCATGG  TTTTCTCCCT  CAATTTGGGA
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372551   AGGCTCCAGA  TGTCTTTCTT  GGCTTCAAGG  ACGTTTGGTC  TTCACTATCA
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373151   TGACCCTCTT  TAACCCGATG  ATGGTCGTTT  CTAAAGCTGT  GTCTTACTGG
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128

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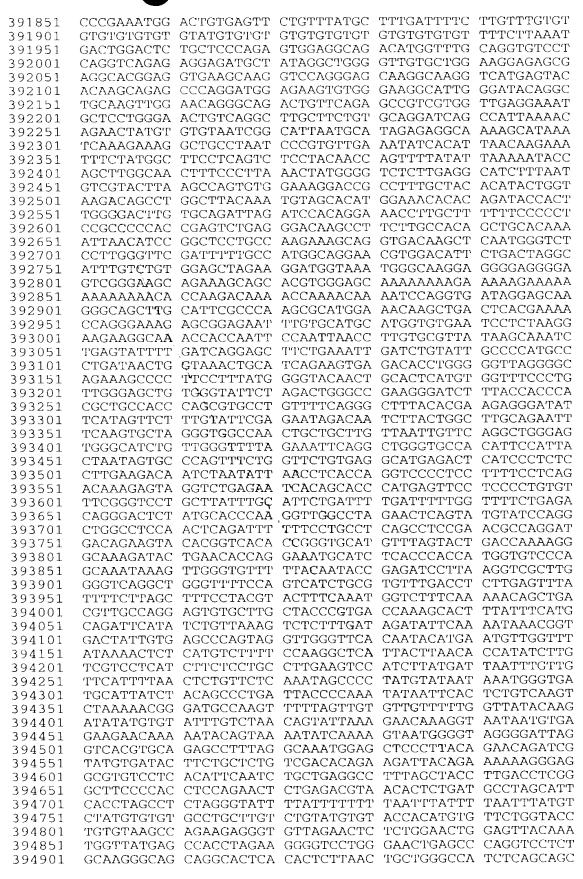
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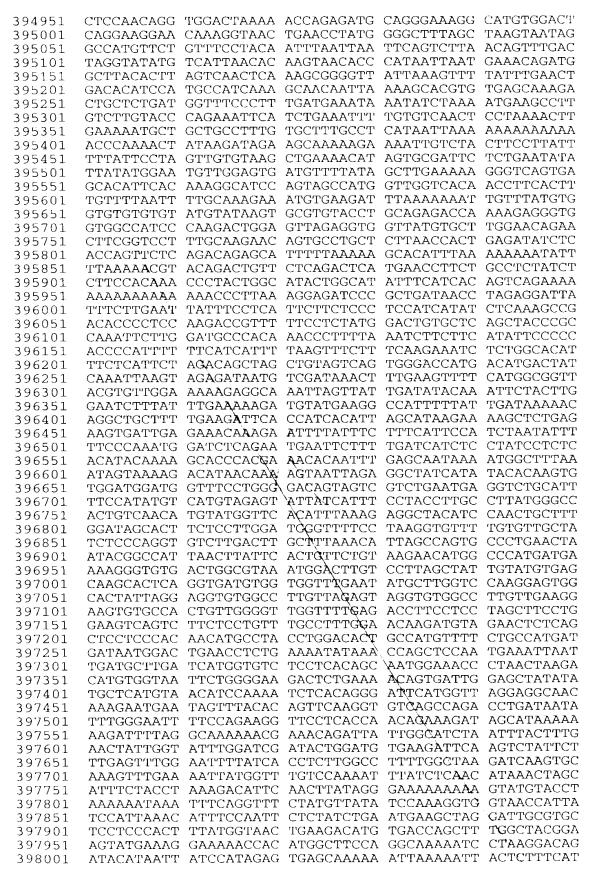
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131

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132

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388001  GAAGTCCAGG  CTGGCTCTGA  GTGTACCCTG  CCTTCTCTGT  GCTGGTTTAG
388051  AGGCATATGC  ACCCTACCCC  ACCCACTTCA  TTTAACTTCA  AACTACAAAC
388101  TGAGTTAGCT  CCCTGATGCA  TACGTCGGAT  TACTACATCA  TTCTTCTCTT
388151  CGTAGAACCC  TGCCACCCTG  GCATACAGTC  AGTACCATTG  TTCTGGAACC
388201  CCAGTGAGAC  ACCCCAGTCT  CCCTCCTCTG  CCGACTCCCT  ATCTGTCTTT
388251  ATAATACACA  GTCACGCCCT  TCCCACGGCC  GTTCACTTTG  TGGGTTCTTT
388301  CATGACCTTG  GTATGGAGAG  CCCTGCATCA  TTGGCCTTCC  TCAGCTTGTT
388351  GTAGGAAATA  CCACATGCAT  GTGACATCCC  GGGAGCCTTC  CCATGGCCTG
388401  CTGTGTGCTC  CATGACAGCT  TGTGTTTGTC  TGTAGGGCTT  CTGTGAATCC
388451  CAATAACCTG  TCTTCTAAAT  AGTCTCTCCT  GGTTTCTAGG  ATGGAAGGAG
388501  GAGCCTGTAC  TTATTGAAGG  CATGGCTGGA  AGCCTGGGTC  AGCACTCAGC
388551  TTCTAGCAAT  CAGGCAGCCT  GGGATGGACT  CTTCTTGGCT  TTGTTGTTGT
388601  TTTCTAGTGA  CCCTAGGCAA  GTTATTTAAC  TCCCCTGCGT  ATCTGTGTCC
388651  CCACGCGTCA  GTAGGAACCT  AATATTAACA  ACCTAATGGG  ATTTATGATG
388701  AACGTCAAGC  AAGGTGACTT  ATGTAAAGTA  CTTAGCAGAG  CGCCTGGTAC
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133

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388751  AGGGTCATTG  CACAGTGAGT  ATTTGCAGAC  TGAATGGTGA  TGAGATAAAA
388801  TATGTTTAAA  CAGAACTGAG  TCTTTTCCAC  TATTCTGGAG  TGCCACATTA
388851  TGCCCTAATA  TACTTGCCCG  GATAGAGGTC  TGTCAAGGCC  AATCTTTTCT
388901  ATGTGACTGG  GAAGGGGAAA  AACGTAGCTG  TCTGCTGATC  TCCTAGCACC
388951  GTTACCAACT  GTGATGCTGC  TCAGATCTGC  CACTACAGAT  TGAGCCTCTC
389001  AACTGTGCCA  GCAATTAACC  ATACTTACTA  AGCAGAAAGG  CAGGTTTGAG
389051  AGCAGGGACT  CGCTTCCTGC  CACACACACT  TCAGTCTCAT  CCATTAGTCA
389101  GCATATAAAC  AGCAAATACA  TTAGCCTTCA  AAGAACCTCG  GAGGATGGGT
389151  GGCACTTACT  CAAGAGGAAC  AGGAAGAAAG  AAAGATTACC  CAGATAATGG
389201  GAAGAAAAGA  GAAGTGGGAG  CTCAATCAAT  AGAGGAGGGC  AGTGTGGGCA
389251  CATCGGTGAG  TGGCAGCAGA  GTCTTGCAAG  AAGAAAGTCT  TGGATAGCTT
389301  CCTTAAAAAA  AAAAAAAAAA  GGTGAACTAC  CTTAAATTAA  TGTTTTGTCA
389351  CAGAAGTATA  GAACCAGGAA  GGAATTTTAA  ATCCTCTTGT  TTGAAGAAAC
389401  TGGAGCTCAG  AAAGGGAGTT  TTGACCAAAG  TCACCTCATT  GGTCGACACC
389451  CCCAGATTTC  TCTTGCCTTA  GGCTGTACAT  TTCCTTTACT  AAAGCGGCTC
389501  TTGAAGAGTT  TAGACTATTC  GGCTTCTTAA  AGCGACACTG  AGGTAGCTTA
389551  TTAGGAAAGT  TTCGTCATGG  GTGGGGAGGA  GAGAGAATAA  TGGGTGTGGA
389601  GAACAGGGAC  TGAGAAGGGA  GGAGGTCGCT  GGGAGGAAAG  TCGTCAGCCT
389651  CTTCTAATGC  TCCCTTCCTT  CTGTAGAGAG  CCTAAGCCAT  ATATTCATAC
389701  TGAAGGGTGA  ATGACGCCAA  GCCATTCTCA  AATGGTGTCT  GCTAGGAAGG
389751  GTGTGTGGTC  ATAAGGACAA  GCTTATGAAG  ACCTCTCTCT  AATCCCATCT
389801  GCCTCAGTGT  CATGCCATAA  CTTCAGGAAA  ACTCCCCTAC  CAAGGGAACC
389851  ACCCAGAACA  TTCTAAAGGG  ACGATTCTTA  AGATATTTGG  GGACAGGTGC
389901  CACACCATGA  CCCTCGTCTC  ATGCCTCAGT  TATTCAGGCT  AAACATAATT
389951  CATTCTTTCT  GCTGCTCCCA  CCCAGTTTAC  CCTTGTTGTC  CTGCTCCGGA
390001  TGAGTGGCCA  TCTGTCCCTG  TCTATTTCAA  AGAACCATGA  ATGGTACATT
390051  TAAGACCAGT  TGTGCAGGAA  GCTTGGGACA  GTCCCCTCCC  ACTCACCCAC
390101  CCCCATGGTT  CACGGGTAAG  TTTCTATTAA  CAGAGTCTGA  GTAACAGGGC
390151  CTCTTCCGAA  GCTCATAGGC  AAGCAGCTAC  CAATGGACAC  TGAGCTGCAC
390201  AGAAGTTTGC  GCTGAAGAGG  GCTTCGCCCA  GTCATCAACC  CACACATCCA
390251  GTTACACTGG  AGAAGAACAG  ACAAATATGG  GAGAAAGCAT  AGCAGTTGCT
390301  GTCACATTCC  AAGCCAGCTC  CCCACGCATG  CTCATAAGGA  TACTTCCCTT
390351  CTCCCAGATC  TGAAACCACA  GAGTCCTGTC  TGAATATCCT  TTCTTTCATA
390401  CTTATACCAT  TGTGTTGCTT  TTATTCTTTC  TATCAAATCC  ATCCCTTCCC
390451  ATTTCCTCCT  GTTTCCACAC  TCACTACCAT  CTGAAGAGTT  GCTCACATTG
390501  ATGTCTTCCT  TCGGCTGCTT  TACAGGGTGG  ATCCAGAACT  CTGCATTGGC
390551  CTTAAACATA  CCTTTCTGTC  GCCCATTGGG  GTTGGGCTAG  GGATGTAATC
390601  CGTGTTCTGA  CTGTGTTGCT  CCTCAGGAGA  AAGAAGGAAC  TTCCAATTCT
390651  ACCTTCGTGA  CCTTTTATTT  CCACTGGCTT  CAGCTCGGTC  CTGCTGTCTG
390701  TCACTTCTCC  ACTGTTTGCA  TCGCATCCTG  TATCTATAAG  ACTATATTTT
390751  TGACATTTAA  GAAAAATGTA  AGCATCTTTT  TTTCCCCTGA  TATTTTTTTT
390801  GGTTTTGTTG  GCTGCTGCTG  CTGCTTCTTC  TTCTTCTTCT  TCTTCTGTTT
390851  CTTCTTCTTC  TTCCTCCTCC  TCTTCCTCCT  CCTCCTCCTC  CTCCTCCTCC
390901  TCCTCTTCTT  CTTCTTCTTC  TTCTTCTTCT  TCTTCTTCTT  CTTCTTCTTC
390951  TTCTTCTTCT  TCTTCCTCTT  CCTCTTCTTC  TTCCTXXXXX  XXXXXXXXXX
391001  XXXXXATAAC  ATTCATTCTT  CATCTACTTC  ATATTACATC  TACCTCTCCA
391051  TCCTCTTAAA  CAAATTCTTC  CTCCTCCTCT  TCTGTCCTCC  TCTTCTTCCT
391101  CCTCTTCTTC  CTCCTCTTCT  TCCTCCTCTT  CTTCCTCCTC  TTCTTCCTCC
391151  TCTTCTTCCT  CCTCTTCTTC  CTCCTCTTCT  TCCTCCTCCT  CCTCCTCCTC
391201  CTCCTCCTCC  TCCTCCTCCT  CCTCCTTCTT  CTTCTTCTTC  TTCTTCTTCT
391251  TCTTCTTCAT  AAGGTCTCCT  GTTGTCCAGG  CTGCCTTAAA  ACTTAGGCTT
391301  ATTCTCCTGC  CTCTACTTAC  CTAATACTGT  AAACAGGTCT  GCACCACCAT
391351  CATGCCCAGT  TTAGAGAATC  TGGGAAGCAA  ACCCAGGGGG  TCTGAACACG
391401  TAGGCAGGTC  TACTCTGCCA  ATCGAGCTAT  ATCCACAGCC  CCCTATAAAA
391451  GACTTTCACT  TATTTCTTTG  AAACATCACG  TCTGCCTCTA  ATCCATTCCA
391501  CACAGAGCCT  AACTGGTCCC  TTTAAAAATA  ATAATTTCAT  TTTCAGAGAC
391551  TCTCTTTCCT  AAAAATCTCT  AGATATCAAA  GCATTCATTT  CATCAGGGAC
391601  GATGAAGTCA  TCTTAACTTA  CTCAAAGCTG  ATCTTCCTAA  TTGATCAAGA
391651  CATTCTTTTC  TTCTCTACTT  ACTAGAAGAG  TCATTAGAAT  CCTTCTCCTG
391701  CCCTTACCAC  CAACTTCCCG  AGACTGGCTT  GGGAAGGTCT  TCTTCAGCCT
391751  GCAAAAATTA  CTTGTAAGGG  TTGGGCTTTG  ATGGTCCTCT  CTCTCTGTGT
391801  TCTTGTGTAG  TGTACCATAT  CTTGTCGGTC  CATACATGCA  GGCCCTGTTT
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134

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391851   CCCGAAATGG   ACTGTGAGTT   CTGTTTATGC   TTTGATTTTC   TTGTTTGTGT
391901   GTGTGTGTGT   GTATGTGTGT   GTGTGTGTGT   GTGTGTGTGT   TTTCTTAAAT
391951   GACTGGACTC   TGCTCCCAGA   GTGGAGGCAG   ACATGGTTTG   CAGGTGTCCT
392001   CAGGTCAGAG   AGGAGATGCT   ATAGGCTGGG   GTTGTGCTGG   AAGGAGAGCG
392051   AGGCACGGAG   GTGAAGCAAG   GTCCAGGGAG   CAAGGCAAGG   TCATGAGTAC
392101   ACAAGCAGAG   CCCAGGATGG   AGAAGTGTGG   GAAGGCATTG   GGATACAGGC
392151   TGCAAGTTGG   AACAGGGCAG   ACTGTTCAGA   GCCGTCGTGG   TTGAGGAAAT
392201   GCTCCTGGGA   ACTGTCAGGC   TTGCTTCTGT   GCAGGATCAG   CCATTAAAAC
392251   AGAACTATGT   GTGTAATCGG   CATTAATGCA   TAGAGAGGCA   AAAGCATAAA
392301   TCAAAGAAAG   GCTGCCTAAT   CCCGTGTTGA   AATATCACAT   TAACAAGAAA
392351   TTTCTATGGC   TTCCTCAGTC   TCCTACAACC   AGTTTTATAT   TAAAAATACC
392401   AGCTTGGCAA   CTTTCCCTTA   AACTATGGGG   TCTCTTGAGG   CATCTTTAAT
392451   GTCGTACTTA   AGCCAGTGTG   GAAAGGACCG   CCTTTGCTAC   ACATACTGGT
392501   AAGACAGCCT   GGCTTACAAA   TGTAGCACAT   GGAAACACAC   AGATACCACT
392551   TGGGGACTTG   TGCAGATTAG   ATCCACAGGA   AACCTTGCTT   TTTTCCCCCT
392601   CCGCCCCCAC   CGAGTCTGAG   GGACAAGCCT   TCTTGCCACA   GCTGCACAAA
392651   ATTAACATCC   GGCTCCTGCC   AAGAAAGCAG   GTGACAAGCT   CAATGGGTCT
392701   CCTTGGGTTC   GATTTTTGCC   ATGGCAGGAA   CGTGGACATT   CTGACTAGGC
392751   ATTTGTCTGT   GGAGCTAGAA   GGATGGTAAA   TGGGCAAGGA   GGGGAGGGGA
392801   GTCGGGAAGC   AGAAAGCAGC   ACGTGGGAGC   AAAAAAAAGA   AAAAGAAAAA
392851   AAAAAAAACA   CCAAGACAAA   ACCAAAACAA   AATCCAGGTG   ATAGGAGCAA
392901   GGGCAGCTTG   CATTCGCCCA   AGCGCATGGA   AACAAGCTGA   CTCACGAAAA
392951   CCAGGGAAAG   AGCGGAGAAT   TTGTGCATGC   ATGGTGTGAA   TCCTCTAAGG
393001   AAGAAGGCAA   ACCACCAATT   CCAATTAACC   TTGTGCGTTA   TAAGCAAATC
393051   TGAGTATTTT   GATCAGGAGC   TTCTGAAATT   GATCTGTATT   GCCCCATGCC
393101   CTGATAACTG   GTAAACTGCA   TCAGAAGTGA   GACACCTGGG   GGTTAGGGGC
393151   AGAAAGCCCC   TTCCTTTATG   GGGTACAACT   GCACTCATGT   GGTTTCCCTG
393201   TTGGGAGCTG   TGGGTATTCT   AGACTGGGCC   GAAGGGATCT   TTACCACCCA
393251   CGCTGCCACC   CAGCGTGCCT   GTTTTCAGGG   CTTTACACGA   AGAGGGATAT
393301   TCATAGTTCT   TTGTATTCGA   GAATAGACAA   TCTTACTGGC   TTGCAGAATT
393351   TCAAGTGCTA   GGGTGGCCAA   CTGCTGCTTG   TTAATTGTTC   AGGCTGGGAG
393401   TGGGCATCTG   TTGGGTTTTA   GAAATTCAGG   CTGGGTGCCA   CATTCCATTA
393451   CTAATAGTGC   CCAGTTTCTG   GTTCTGTGAG   GCATGAGACT   CATCCCTCTC
393501   CTTGAAGACA   ATCTAATATT   AACCTCACCA   GGTCCCCTCC   TTTTCCTCAG
393551   ACAAAGAGTA   GGTCTGAGAA   TCACAGCACC   CATGAGTTCC   TCCCCTGTGT
393601   TTCGGGTCCT   GCTTATTTGC   ATTCTGATTT   TGATTTTTGG   TTTTCTGAGA
393651   CAGGGACTCT   ATGCACCCAA   GGTTGGCCTA   GAACTCAGTA   TGTATCCAGG
393701   CTGGCCTCCA   ACTCAGATTT   TTTCCTGCCT   CAGCCTCCGA   ACGCCAGGAT
393751   GACAGAAGTA   CACGGTCACA   CCGGGTGCAT   GTTTAGTACT   GACCAAAAGG
393801   GCAAAGATAC   TGAACACCAG   GAAATGCATC   TCACCCACCA   TGGTGTCCCA
393851   GCAAATAAAG   TTGGGTGTTT   TTACAATACC   GAGATCCTTA   AGGTCGCTTG
393901   GGGTCAGGCT   GGGTTTTCCA   GTCATCTGCG   TGTTTGACCT   CTTGAGTTTA
393951   TTTTCTTAGC   TTTCCTACGT   ACTTTCAAAT   GGTCTTTCAA   AAACAGCTGA
394001   CGTTGCCAGG   AGTGTGCTTG   CTACCCGTGA   CCAAAGCACT   TTATTTCATG
394051   CAGATTCATA   TCTGTTAAAG   TCTCTTTGAT   AGATATTCAA   AATAAACGGT
394101   GACTATTGTG   AGCCCAGTAG   GTTGGGTTCA   CAATACATGA   ATGTTGGTTT
394151   ATAAAACTCT   CATGTCTTTT   CCAAGGCTCA   TTACTTAACA   CCATATCTTG
394201   TCGTCCTCAT   CTTCTCCTGC   CTTGAAGTCC   ATCTTATGAT   TAATTTGTTG
394251   TTCATTTTAA   CTCTGTTCTC   AAATAGCCCC   TATGTATAAT   AAATGGGTGA
394301   TGCATTATCT   ACAGCCCTGA   TTACCCCAAA   TATAATTCAC   TCTGTCAAGT
394351   CTAAAAACGG   GATGCCAAGT   TTTTAGTTGT   GTTGTTTTTG   GTTATACAAG
394401   ATATATGTGT   ATTTGTCTAA   CAGTATTAAA   GAACAAAGGT   AATAATGTGA
394451   GAAGAACAAA   AATACAGTAA   AATATCAAAA   GTAATGGGGT   AGGGGATTAG
394501   GTCACGTGCA   GAGCCTTTAG   GCAAATGGAG   CTCCCTTACA   GAACAGATCG
394551   TATGTGATAC   TTCTGCTCTG   TCGACACAGA   AGATTACAGA   AAAAAGGGAG
394601   GCGTGTCCTC   ACATTCAATC   TGCTGAGGCC   TTTAGCTACC   TTGACCTCGG
394651   GCTTCCCCAC   CTCCAGAACT   CTGAGACGTA   ACACTCTGAT   GCCTAGCATT
394701   CACCTAGCCT   CTAGGGTATT   TTATTTTTTT   TAATTTATTT   TAATTTATGT
394751   CTATGTGTGT   GCCTGCTTGT   CTGTATGTGT   ACCACATGTG   TTCTGGTACC
394801   TGTGTAAGCC   AGAAGAGGGT   GTTAGAACTC   TCTGGAACTG   GAGTTACAAA
394851   TGGTTATGAG   CCACCTAGAA   GGGGTCCTGG   GAACTGAGCC   CAGGTCCTCT
394901   GCAAGGGCAG   CAGGCACTCA   CACTCTTAAC   TGCTGGGCCA   TCTCAGCAGC
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135

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394951  CTCCAACAGG  TGGACTAAAA  ACCAGAGATG  CAGGGAAAGG  CATGTGGACT
395001  CAGGAAGGAA  CAAAGGTAAC  TGAACCTATG  GGGCTTTAGC  TAAGTAATAG
395051  GCCATGTTCT  GTTTCCTACA  ATTTAATTAA  TTCAGTCTTA  ACAGTTTGAC
395101  TAGGTATATG  TCATTAACAC  AAGTAACACC  CATAATTAAT  GAAACAGATG
395151  GCTTACACTT  AGTCAACTCA  AAGCGGGGTT  ATTAAAGTTT  TATTTGAACT
395201  GACACATCCA  TGCCATCAAA  GCAACAATTA  AAAGCACGTG  TGAGCAAAGA
395251  CTGCTCTGAT  GGTTTCCCTT  TGATGAAATA  AATATCTAAA  ATGAAGCCTT
395301  GTCTTGTACC  CAGAAATTCA  TCTGAAATTT  TGTGTCAACT  CCTAAAACTT
395351  GAAAAATGCT  GCTGCCTTTG  TGCTTTGCCT  CATAATTAAA  AAAAAAAAAA
395401  ACCCAAAACT  ATAAGATAGA  AGCAAAAAGA  AAATTGTCTA  CTTCCTTATT
395451  TTTATTCCTA  GTTGTGTAAG  CTGAAAACAT  AGTGCGATTC  TCTGAATATA
395501  TTATATGGAA  TGTTGGAGTG  ATGTTTTATA  GCTTGAAAAA  GGGTCAGTGA
395551  GCACATTCAC  AAAGGCATCC  AGTAGCCATG  GTTGGTCACA  ACCTTCACTT
395601  TGTTTTAATT  TTGCAAAGAA  ATGTGAAGAT  TTAAAAAAAT  TGTTTATGTG
395651  GTGTGTGTGT  ATGTATAAGT  GCGTGTACCT  GCAGAGACCA  AAAGAGGGTG
395701  GTGGCCATCC  CAAGACTGGA  GTTAGAGGTG  GTTATGTGCT  TGGAACAGAA
395751  CTTCGGTCCT  TTGCAAGAAC  AGTGCCTGCT  CTTAACCACT  GAGATATCTC
395801  ACCAGTTCTC  AGACAGAGCA  TTTTTAAAAA  GCACATTTAA  AAAAAATATT
395851  TTAAAAACGT  ACAGACTGTT  CTCAGACTCA  TGAACCTTCT  GCCTCTATCT
395901  CTTCCACAAA  CCCTACTGGC  ATACTGGCAT  ATTTCATCAC  AGTCAGAAAA
395951  AAAAAAAAAA  AAACCCTTAA  AGGAGATCCC  GCTGATAACC  TAGAGGATTA
396001  TTTCTTGAAT  TATTTCCTCA  TTCTTCTCCC  TCCATCATAT  CTCAAAGCCG
396051  ACACCCCTCC  AAGACCGTTT  TTCCTCTATG  GACTGTGCTC  AGCTACCCGC
396101  CAAATTCTTG  GATGCCCACA  AACCCTTTTA  AATCTTCTTC  ATATTCCCCC
396151  ACCCCATTTT  TTCATCATTT  TAAGTTTCTT  TCAAGAAATC  TCTGGCACAT
396201  TTCTCATTCT  AGACAGCTAG  CTGTAGTCAG  TGGGACCATG  ACATGACTAT
396251  CAAATTAAGT  AGAGATAATG  TCGATAAACT  TTGAAGTTTT  CATGGCGGTT
396301  ACGTGTTGGA  AAAAGAGGCA  AATTAGTTAT  TGATATACAA  ATTCTACTTG
396351  GAATCTTTAT  TTGAAAAAGA  TGTATGAAGG  CCATTTTTAT  TGATAAAAAC
396401  AGGCTGCTTT  TGAAGATTCA  CCATCACATT  AGCATAAGAA  AAGCTCTGAG
396451  AAGTGATTGA  GAAACAAAGA  ATTTTATTTC  TTTCATTCCA  TCTAATATTT
396501  TTCCCAAATG  GATCTCAGAA  TGAATTCTTT  TGATCATCTC  CTATCCTCTC
396551  ACATACAAAA  GCACCCACGA  AACACAATTT  GAGCAATAAA  ATGGCTTTAA
396601  ATAGTAAAAG  ACATAACAAA  AGTAATTAGA  GGCTATCATA  TACACAAGTG
396651  TGGATGGATG  GTTTCCTGGG  GACAGTAGTC  GTCTGAATGA  GGTCTGCATT
396701  TTCCATATGT  CATGTAGAGT  ATTATCATTT  CCTACCTTGC  CTTATGGGCC
396751  ACTGTCAACA  TGTATGGTTC  ACATTTAAAG  AGGCTACATC  CAACTGCTTT
396801  GGATAGCACT  TCTCCTTGGA  TGGTTTTCC  TAAGGTGTTT  TGTGTTGCTA
396851  TCTCCCAGGT  GTCTTGACTT  GCTTTAAACA  TTAGCCAGTG  CCCTGAACTA
396901  ATACGGCCAT  TAACTTATTC  ACTGTTCTGT  AAGAACATGG  CCCATGATGA
396951  AAAGGGTGTG  ACTGGCGTAA  ATGGACTTGT  CCTTAGCTAT  TGTATGTGAG
397001  CAAGCACTCA  GGTGATGTGG  TGGTTTGAAT  ATGCTTGGTC  CAAGGAGTGG
397051  CACTATTAGG  AGGTGTGGCC  TTGTTAGAGT  AGGTGTGGCC  TTGTTGAAGG
397101  AAGTGTGCCA  CTGTTGGGGT  TGGTTTTGAG  ACCTTCCTCC  TAGCTTCCTG
397151  GAAGTCAGTC  TTCTCCTGTT  TGCCTTTGGA  ACAAGATGTA  GAACTCTCAG
397201  CTCCTCCCAC  AACATGCCTA  CCTGGACACT  GCCATGTTTT  CTGCCATGAT
397251  GATAATGGAC  TGAACCTCTG  AAAATATAAA  CCAGCTCCAA  TGAAATTAAT
397301  TGATGCTTGA  TCATGGTGTC  TCCTCACAGC  AATGGAAACC  CTAACTAAGA
397351  CATGTGGTAA  TTCTGGGGAA  GACTCTGAAA  ACAGTGATTG  GAGCTATATA
397401  TGCTCATGTA  ACATCCAAAA  TCTCACAGGG  ATTCATGGTT  AGGAGGCAAC
397451  AAAGAATGAA  TAGTTTACAC  AGTTCAAGGT  GTCAGCCAGA  CCTGATAATA
397501  TTTGGGAATT  TTCCAGAAGG  TTCCTCACCA  ACAGAAAGAT  AGCATAAAAA
397551  AAGATTTTAG  GCAAAAAACG  AAACAGATTA  TTGGCATCTA  ATTTACTTTG
397601  AACTATTGGT  ATTTGGATCG  ATACTGGATG  TGAAGATTCA  AGTCTATTCT
397651  TTGAGTTTGG  AATTTTATCA  CCTCTTGGCC  TTTTGGCTAA  GATCAAGTGC
397701  AAAGTTTGAA  AATTATGGTT  TGTCCAAAAT  TTATCTCAAC  ATAAACTAGC
397751  ATTTCTACCT  AAAGACATTC  AACTTATAGG  GAAAAAAAA  GTATGTACCT
397801  AAAAAATAAA  TTTCAGGTTT  CTATGTTATA  TCCAAAGGTG  GTAACCATTA
397851  TCCATTAAAC  ATTTCCAATT  CTCTATCTGA  ATGAAGCTAG  GATTGCGTGC
397901  TCCTCCCACT  TTATGGTAAC  TGAAGACATG  TGACCAGCTT  TGGCTACGGA
397951  AGTATGAAAG  GAAAAACCAC  ATGGCTTCCA  GGCAAAAATC  CTAAGGACAG
398001  ATACATAATT  ATCCATAGAG  TGAGCAAAAA  ATTAAAAATT  ACTCTTTCAT
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136

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398051   ATCATCTAGG  GTTGGGAGTG  CTTGTTACTA  CAGTTTTCGC  TAACTTATTC
398101   TGATTGGTTT  ACCACAACAG  AACATTAATA  GTCCATGAAC  AGCATACGGT
398151   AGAAAGTTTA  GACAAAAAGA  AAAGATACAA  ATGGCATATT  AAACGTGCAT
398201   TTCAAAATAT  TGTTCAGTCA  TTGGCAAATA  TATGTGAAAT  TATGTTATTG
398251   GGGGTATACT  GAGCCTTAAG  AACCTTAAAA  CTGGAGGAAA  ATACTTTAAA
398301   AAAGAATATT  TAGTATGGGT  ATTGTGATAG  TTTGTATATG  CTTGGCCCAG
398351   GGAGTGGCAC  TATTAGTAAG  TGTGGCCTTG  TTGGAGTAGG  TGTGTCACTC
398401   TGGGCGTGAA  CTTTGAGAAC  CTTGTCCTAG  CTGCCTAGCTT  GCCAATATTC
398451   TGCTAGCAGC  CTTCAGATGA  AGATGTAGAA  CTCTTAGCTT  CTCCCACACC
398501   ATGTCTGCCT  GGATGCTGCC  ATGTTCCTGC  CTTGATGATA  CTGGACTGAA
398551   CCTCTGAACC  TATAAGCCAG  CCCCAATTAA  ATGATGTCCA  CTATAAGAGT
398601   TGCCTTGGTC  ATGGTGTCTG  TTCATAGCAG  TAATGCCCTA  ACTAAGACAA
398651   GTATATTGAT  AGATGGATGG  CTATGTGAAA  TGTGACATAT  TTATTCCACA
398701   GAATATTGCT  CAGTCTTAAG  AATAAGGGAC  ACATTGACAT  ATGTTGCAGC
398751   ATATGAAGAT  ATTTTGCTAT  GTGAAATAAG  TCAGTCGCAA  AAATGTAAAT
398801   ACCATGTAGT  GGAGTTAACT  TAGAATAGTC  AAAATTGTAG  AGACAGAAGA
398851   CAGACCTGTG  GATGTCAGAA  CCTGGGAGAG  AGGGAACGTG  GAGTGTTTAC
398901   TGGGTATAAA  ACTCCAGCTT  CACAAGATCA  TAGGGTATTA  TGGAGACATC
398951   CTGCACATGT  GCTCAGAGCT  GACCACTCAG  CAGACTGTAT  GTGTGTCTGA
399001   GACCATAAAA  AGTATAGAAT  AAGAGGTGAT  GAGTTTGAGA  GGGATGGGGA
399051   TATGGGAGGA  ACTGAGGGGG  CAAATGAGGC  AGATACCATG  ATCATATATG
399101   GAGTATATGA  TTGTGAAGGC  GTGGAGATGA  ACACTGGCCA  CAGCTGCTCA
399151   GTATATGATA  CTGTATACCA  TACAGGAACT  ACCACTGTTC  CATTCAAATA
399201   GGTAAGATGG  TAAACTTTAT  GTTATGTGCG  TTTTGCTGAG  ATTTAAAAAA
399251   ATAGGGGAAT  GTTTTTGTGG  GAAGAGACCA  AATACTCTAT  TTTTCCCTTT
399301   TTGGGGTAAT  CATGCCCTTT  CTGGGCTTGA  AGAGTACCTC  AAATCTCTCC
399351   TTTGAGAAAT  GAAGAAAGCA  AGTGATTCCT  GGTGTCTAGA  TGATATTCTC
399401   CTTGTCCCCA  AGAGGTCACC  TGATGGCCAG  ACAGGAGCCG  TCATCGTGCA
399451   ACCTCTGCCC  CTAAGTAGAG  CTGTGCTCTA  GAAGTTGCAG  GGCTTATGTT
399501   GCAGTTTGGC  GAGATACCAC  ATCCGTTCTC  CTCCTCCTCG  TGGAAACAAA
399551   AGCTCTGCTC  AGAGCAAAGA  TAAACCTTCA  CTAAAGCATA  GAGAGATGGT
399601   AAACAGCCTG  ATGAAACCCT  GCAGCCACCT  TGCAAAAAAT  CATGGTGTCT
399651   TCTTTCAAAA  CATGAGCACC  CAGAATTTGG  CCAGTGAGGT  GTGGCTCACT
399701   GGTAGGTGCT  TGCCTTGCAT  GCAGGAGACC  CTGGATGTGA  TCCACGGCGC
399751   AAGTCAGTAA  AGAAGTACAT  GAACAAATCC  CATATTCCCC  GAGGAAATGC
399801   CACATTCAAC  ATCCAGCTTC  CTGTGTGTGT  GTCCTCATCT  CTCATGACAA
399851   GATGGCACCT  GTGATCTCTC  TCCTGCTGTC  CTTGAAGATA  AAGAAGGTGA
399901   CAGGGAAGGA  AAGCTTCACC  ACAGGGAGCT  CCTCTCTGAG  ACTACAATCT
399951   TCCCAACAGG  GTAGGAGGGA  GCACAATTAT  CTGCAAAGGC  TGCAATTAGT
400001   AGTGTCAGAT  GTAACCTTTG  TTCCGCCGTG  AGAGTCCAAG  GCACCTGCGT
400051   CATCCCCTAA  GATCTACTGC  TCTGTCTATG  CATGACGAAG  GTTTTGTCCC
400101   TCTGTGTGGG  AGCCTGTGCT  TACTACATCA  CATGCCTGTG  TTCCCAAAGG
400151   ACCCATCTCA  TTCCAAGACA  GTGATGCCTT  GACACAGAAG  GAGACAAAGG
400201   TGTGTGACTT  CCCTTTTGAG  CTGCCTCTCA  AATTTCCTGC  CAGATTCCAA
400251   TGAGACCACC  ACGTCTGGAG  TACATGAGAC  AAATGTGGCG  GGGGGGGGGG
400301   AATCCACTTT  TAACTTTTTT  ACTGTGGAGT  AAAACCTTCA  AAATAGTTCA
400351   AAATAGTGGA  AAACCTTCAC  CTGCATACCA  TGCTGTGACA  GGAGTACAGT
400401   GAGACATTCA  TGTACACACA  GTCAGGTGCA  TGTAAGTGTG  CCAGTTTGAC
400451   TGGGAAATCT  TCATACAAGA  CAGCATCCAT  CTCTGCAGGA  TAGAGCATTT
400501   GTGTGTCGGC  CGGGGTGGGT  ATGCAGAAGT  GGAATCCACA  TTTTAGCAAT
400551   GCTTTTTTCT  TTTTTCCTCC  TGCTTCACAG  TCAACTGCCA  TTTTTAAAAG
400601   CATCTGTTCT  GCAAGCCAAA  GAGGGGGAAG  GGGACATATA  CCACTCACTT
400651   GTAAGTGCTC  AGAGAAGGAG  CTCTGGAGAA  ACGCTGCCCA  CTTAACTCCT
400701   CTTAGCTCTG  TGAATGATTA  CAGGGTTTGG  GCTATTTCTG  GCCACATCTC
400751   CTTGTCTTTG  AAAAAAGGGA  AGTCGTTAAG  CAGAGTGGGC  AATTGTACAT
400801   TTGTACATTT  AGTAATTCGC  CTTGAGTCAG  AAAGTCTAGA  CACTCCCCTG
400851   GGGATATGAA  ACAGCATGGT  GTGTGTTTCT  ATGACCTTCA  AGACTCTTTT
400901   GTAACCCAAA  AGGCATTGAG  CAACCAGATC  TCAAAGTAAG  TGGGCTCCAG
400951   AGCTCCTGGT  TAGGACATGG  GAGGCATAGA  GAAAGTGCAC  TGAGCCAGTA
401001   GCTGGACACA  GCCAGTCCTG  CCCTGAGCAG  GGGAAGCCAC  CAGAGCTATG
401051   GATCAGGCAG  GGCTCAGTCC  CATTCAAATG  CCATTGATTT  CCTATCACAA
401101   CAACCTGAGA  ATTTGACCTG  GGCCTCTGTC  CTTTCTGCTG  AGCAGCACAA
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137

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401151   TTCAAAGAGC  ACGTATTTAT  TGGGTGCTGC  CAGGTGCGGG  GGACAGTAAC
401201   ACCTGATTCT  CTTGCGCTTC  ATGGTAGCAC  TGTGAGCAGA  ATGGAGAGCA
401251   CTGGTAGGTT  TTAGGGATCC  TGTGCCTCCG  TTGCTTTTTG  TTTTGTTTTG
401301   TTTTTATTTT  GCTGTCTTTT  ACCATTTGCC  GTTTCAAGGT  GCATCACAGA
401351   ATTAACAAGG  ACGTGTATGC  ATCACGTCAG  AGTATACACT  TTCACTTCTT
401401   TCGCAATGGC  ACATAAATTA  GTGGTACTAG  ATTCAGTGAG  GAAACTGAGG
401451   CAGAGATGTG  GAAACTGAGG  TTTGGGGGGA  TGAAATGATT  CACTCAACCA
401501   GGATGTGTTG  GAGCTAGAAC  TGGAATTGAT  GCAATTTCTG  GAATGGAGTG
401551   TCTTGAAAGG  ATTTGGACTG  CCTGGGTTTG  ATAGTGAAAC  TTACTGTTTT
401601   GCATAATTAC  TAGATGGCAG  CTGAAAAGGA  AGGGGAGGGG  GGACTTACTG
401651   GGTTTGCAGT  CCAGTTTGTT  CAAGTGCTAG  CTAGTCTTGT  GACTTCAGGC
401701   AAGCCTTAAC  CTTCCCTTGT  GTCTTTATTA  ATGGTGACAA  CAATAACAGT
401751   AACTAATCCA  CGGGATTATA  ATGGGAGCTA  AATAAGGTAG  CACACGACCT
401801   TGGGCTCATG  TCTGACATGT  CTGGAAATTC  TCCACTAAAA  TTTAGCTGTG
401851   ATTAGCTTTC  ACGTGTTTTG  AAGAAAGGCA  ACTAGAAAAA  AGTGCAACTA
401901   AAGAGTGTGT  TCAACAACAA  CATCTCCTTG  GCCCTAAAAT  TATCTTCATT
401951   CCAGGAGAGG  TACCTTAGGT  GGATTTTGGG  GAAATTATTT  TTTTTGTTTG
402001   TTTGTTTGTT  TTTTGTTTTT  GGTCTGTTTC  TTCAAAACCA  AGATATCAAA
402051   TAAGATGAAA  TGGGAGAAAA  TTCTGAGAGG  AAGTAGCTAT  CCAAGGTAAG
402101   GAAGGGACCA  GGACAAGAGA  AAGGATGCCC  AGGAGCAGTG  AAATCTGGGC
402151   CAGCCTTGGG  CAACAGGGTT  TATTTGGAGG  AGGTGGGAAT  AGCAAGGGGG
402201   TTGTGCTAAG  GCTGGCCAGA  GATGACAATT  GTGACCCCAG  AAAACAGTGG
402251   CAGAACTGGG  GACTGGAACC  ATGACATAGT  TTTCAGTCTC  TAGTCCCTGA
402301   TTCCTTCAGA  AACCATGGGA  TGAATCGGGT  ATGTCACAAC  TGGCATTTGT
402351   GAGATGCAAA  GAGAGAGACA  AGCAGGTGAG  CACAGGAGAA  GGGGTACGAG
402401   GGTCCCCAGA  GCCTGTGTCT  AGGAGAGACA  AGATGCTCAT  GAACAGGAGG
402451   GGTATGTAAG  GCAGTGCCCA  GAGCCGATGT  AATAAGTACA  AACATCATTT
402501   CATGGATTTT  GTCTTCTGGT  TGGGGCGTAG  CAACAGGGGT  CATGGATCAT
402551   GAAGCAAGGT  GACCTTCTTT  CTATGGCTTT  TGCAGTGGAA  GTTTGAAAAC
402601   AAATGCATTG  AGGTGAGGAT  GAGAGTCAGT  AGGTCCTGGC  TGAAAATGAC
402651   GCAGAGGATA  CATTTAAAGT  GACACGTTTC  ATATTAACAA  GTGTGTTCAT
402701   TGGCTCACTG  CTCTGACAGA  GTGCACAAGC  AAGCTTGGGA  AGGAAGGGTA
402751   TCCTTTGCTT  CTGGTTTGAG  GGCACCCAGT  CTGCTAGTGT  GGCAGGAGTG
402801   TGAGGCAGTT  AATCTGTGGT  ATCTACATTC  AGACAGTAAA  GAGAGATGCA
402851   GGCTGCAGCC  TCATTTGCTT  TCTCCCCTTT  CTCTATTGTG  TTCCATCTAG
402901   GACTCAGGTT  CATTGCTTCA  CCACATCTGC  CAGGCCTCAC  AGGAAACACC
402951   CTCACAGACA  GGTGCAGAGG  TGTGTCTCCT  GAGCCATTCT  AAATCTAGCC
403001   AAACTGACCA  TGAAGATTCA  CTGCCATAAC  AAAGCAGAGA  CCCCCATGTC
403051   TACTTACTGT  AGGCTCTCAG  ACATACCTTT  ATGCAGACTC  AAGACGTGTT
403101   TCTGCTGCTC  TGTGTCTTCT  GGCCTTCCCT  AAACATGTAC  CCTCAACCTC
403151   ACCCTAAGAC  AGAACCCTTT  CCTTTGTTCA  GCCACTTTGC  CCCACAATGC
403201   CTGTCCCTTC  TTCCCACATC  CCCTCCTTAT  GCCAGGCCTT  AGGCCTGACC
403251   TTCCCCAGGA  TAAGAGCAAG  CTGGCAGCTC  CACCCAGGAG  GACAGGCTGT
403301   GTCATTGAAA  TACAAATGAC  AAAGAGTAAG  TCAGGCAAGT  CACACTCTGG
403351   GATGCTCATA  TCCACACAAT  GCAACCTGGG  ACCTGACCAA  GCAGTTTGAT
403401   TTCACACTTA  GACCAAGAGT  CAGGTGGAGG  AGAGGATCCA  GCCTAGCAAG
403451   CCCCATGTTT  GCTTCTGCAT  AAAGAACCAG  GGCTACAAAG  CAGTGCCTGT
403501   GTTTTGAGGG  TATTGACCAC  TTGAGGGTGA  ACCCTAGAGC  TCGGCAAAGA
403551   ATGGATAGAA  ACCCTTAGCC  ACAGAGGTAA  TGGTCTAGAG  AGGAACATGG
403601   CACACTGCAG  CACAGACCCT  GGTTTTCTGT  TCCAACTTCT  CCAGACACAG
403651   GGAAGCAGGA  AGTCCAGGGC  TCTGCCATCA  CCACCAGAGA  ATGTTACAGT
403701   CCCCACAGGC  TTTCAACTCA  ACCTGTCTGC  ACAACCACTC  TGCTCCATGG
403751   AAAGAGCACA  CGGCAAGTCT  CTAACCTGCA  GAGCCCAATT  TGCTAGCTAG
403801   CACAGTGCCA  TTTTAATGGA  ATGGAACTAG  ATTTCATCTT  GCCCTGGGAT
403851   CAGTAGACAG  CCCTGTCATC  AGGGCAGCTG  CTACCAGAAT  CCCAGAGTTA
403901   TCCACACACT  CTCTGTGCAG  CCTAAAGACA  CATCCCTTTC  TAAAGCACAG
403951   GCCCAGGTTC  ATGGCTTCCA  CTGTGTCTCT  CAGGCCTGAG  GACAGGTGCT
404001   TCTACTGTAA  GTGCCTCCAG  AATTTATAAA  GCCAAGGCAT  TGCCGGATGG
404051   TACTGGTATA  AATCTGGATA  GATGAATGGA  ACAGCATGGA  ATACCCAGCA
404101   ATCAATCCAT  ATATAGCCAA  GTGATTTTCA  ACGGAGGTAC  CAAGAAGACA
404151   CATGGAAGAA  AGGGTGATCT  GTTGGATAAG  TAATGATTGG  GGTAATTATA
404201   TACACACAAA  AGAATGAAAT  TAGGATATTA  CCCCTCTCAA  GACTATGAAG
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138

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404251  CAATCAGAAG  AAAACACAGA  GGGGATGTTA  TAAGTCATTA  GTATGGGAAA
404301  AAGAACTTCA  AAGCACAGGC  AATTGCAGTG  AGAATATACA  AATGGATTGA
404351  CTCCAGCGAA  GTTTCTGCCC  AATGAACAGA  AGCATAAAGC  AGAATGAAGA
404401  GATAACAAGT  GGAACAGGAG  AAAATATCAG  CAAACCATCA  CCCAACAAAG
404451  GACCAATATT  CAGTGTTGCC  GTCTGAGAGT  CACTCCGCAA  ACCACAGGAA
404501  CACCAATCTC  AGAAAGGGAT  GGTTTATTGA  ATGCACATCC  TAATGCTGAT
404551  CAGGGACATA  GCTCGGATTA  TTGGAGCTAT  GGCTACCAAT  AATTTTCTAA
404601  GGGAAGAACT  TATTGGAGGA  AAACCACCAT  TAACTTCATT  TGCAGGGGTG
404651  GTTGGGGGGT  CAGCTTCTAA  TTCAAAGATA  TTTTAGACAT  AGCACTTCAT
404701  ACTGACCTTT  AACGTAAAGG  GTCCTATGTA  AAGCTTTGTC  GAATTCCTCA
404751  AGATTAGCAA  ACCTGAGAAC  ATACAGAACA  TAACAGAGGA  TGTGGTCAGC
404801  ATGACCCTGC  TCCGAGTCAG  GTTACTCTTC  TGTGTCAGTG  ACTAGGAGGC
404851  ACTGTACAGC  AACAATATGA  AATTGCCGGC  AGGCATGGGA  CAAAGCGGCT
404901  ACAACTATGC  TGGTAGGGGT  TTGGGGGGCA  GACCTCAACA  TTCAGAATAT
404951  ATAATCATAT  GATTTAAACA  CTGGGCAAGT  GATATCAATA  TCATTTGCAT
405001  TTAAAAATGA  GACCTAAAAT  GCGCAAGAAG  AATATGAAAG  AGAAAAAATA
405051  CTCATCACTA  GACAACAGGG  AATTGCAAAT  CAAGGCCACT  GTGATGTACT
405101  AATTTCACCC  TAATTAGAAC  TTCTATTCTC  GAAAAGTCAA  GAACAGAAAA
405151  TAACAAATAC  TGGTAGAGGT  ATCGAGAATG  GGCAGGTGGT  ATGTGCTGTT
405201  TGTGGGAACA  TCAATTAGTA  CACTCACTAT  GGCAAACCGT  GTGGAGGGTC
405251  TCCCTAAAAC  TAAAAGAGC   CTACTGTGTG  ACCCAGCAGT  CCCATTATTT
405301  GTCATGTATC  CAAAGGAAAT  GAAGTAAGTA  TATCTAAGAA  ATCCTGGGGC
405351  TCCCAAGTCA  ACTGTAACAC  TATCCATACC  AGCCAAGACA  TGGAAGTTTC
405401  CAAGGCATAT  CTATCCGCAT  ATGAGAAAAT  AGGGAAAATG  TGCTAAATGT
405451  TTTAGTTAGG  GTTTTACTGC  TGTGTACAGA  TACCATGACC  AAGGCAACTC
405501  TCTTAAGGAC  AGCATTTAAT  TGGGGCTGGC  TTACAGGTTC  AGAGGTTCAG
405551  TCCATTATCA  AGGCAGGGGC  ATAGCAGAAT  CTAGGCAGGT  ATACGGTATG
405601  GGAGCCGAGA  GTTGTACATC  TTTATATGAA  GGCCTCTAGA  AGACTGGCTT
405651  TCAGGCAGCT  AGGACAATGG  TCTTAAAGCC  TACCCCCACA  GTGGCACACT
405701  TCCTCCCACA  GGGCCACACC  TCCAAATACT  GCCACTCCTG  AGCCAAGCAT
405751  ATTCAAACCA  CCACAGCAAG  TATACACTAT  ATGTTCATGC  ACTATTAAAA
405801  CTGAATATTT  CTGCTTGCGG  TAATGTGGAT  AAAATCAGAG  GACATCATGG
405851  TAGGTGTAAG  ACGACAACAC  TGAGTGTTCT  ACATCACTGG  CAGTAGTTGA
405901  GAAAAAAATG  GCTACATGTA  AAATGAGAGG  GAAATACTTG  CTATTAGAGA
405951  CAAAGAAGAC  AGAGGGGAGA  TGGGAGGAGT  TAGGTTGGAT  GTACCAGCAC
406001  AGAGCTAGAG  GGGAAGTGTC  CAATCTGACG  CACAGCAGGA  TAATGATAAC
406051  CTAGACAGTA  TGTTTCAAAG  TAACTAGAAG  TGTTTGAAGA  GGTAAATATG
406101  ATAAATATCC  TGATTTGGTT  ATTATAAACT  GCACAATGCA  ACACATTTTA
406151  CACTCTACAA  ATATGTATTA  TAAAATAGCA  TGCATCCACC  TAAATATGCT
406201  TCAATAAAAG  AGTCTGGCTA  GCGTGGATTC  CAAATGAAGA  TCTAGCTTTC
406251  AGATTGAGAG  GGGGTAAAGG  AGCCAAGAAG  GGGAGATCTG  ACCCCCTTTC
406301  TATTTGAAGT  GACCAGTGAG  AAGTGTTACG  TCTGGATCAA  ATTAGCACTG
406351  TTTCGACAAG  TTTACATGCA  CGCGGTTTAC  AGCAGGACAT  GGGATCAAGT
406401  ACCTGCATTA  ATCTGAGATG  CCTCTTCTCT  GGAAACATCA  AATAGGGCCA
406451  AGACTATTTG  GACCAAGTGA  CTCTGAGAAA  GATACTCGGC  ATGGTACCAG
406501  CCATCAGCTG  TTGGCTGCAC  TTGTCAAGAT  ACATGAGCCT  ATGTGTGTTC
406551  TAAATCACTT  TCAGTGTCGA  TGTAAAAAGC  AAAAAACCAA  CCAACCAACC
406601  AAACATGCAA  ACAAACCAAA  AAGCACCTGG  AACTCACTGA  TAAATAGTAT
406651  GTGGATGCTC  CCAGAAGAAA  GAGAAATCAA  AGCTCACCAC  CATGGTAAAG
406701  TGGAAGTCAG  CTTGCTTTAC  AAATGTCGAA  TGATGGGCTG  GGATCAAGAC
406751  TGGATGTGAT  AAGGCAAGTC  TATAAGCCCC  AACCTTGAGG  CTCAAACGGG
406801  ATAAAGAGTT  TGATGCTAGC  CTGAGCTGCA  CTGTGAGACT  TGTCTCCAAA
406851  AGTCAAAAAC  ACCAAACCAA  GCCATCAGCA  GATTTGAAAT  AATTCATTAA
406901  AATTCTCTCA  AGATTAAAGA  AAGTGCTAAA  ACTGGGCACT  GCCGATTGTG
406951  ACGAAGACTT  CACCCACAGA  ATTCTCTAGA  GTCTGGGATT  TTAACTCTAT
407001  GATTAAGTAT  TTGGCCAGTG  TGAGGTTGTG  ACTTGATGGG  TTCAATCCGA
407051  AGCCCTGTAA  AAGAAGTGCA  CACATACCAA  AGGGAAGGGG  GAGAAAAGAA
407101  AGGAAGAAAA  CATGAGCATG  GGGTATGGGT  CTAAGAGGCT  AAGAAAAGAG
407151  GATATTAGGG  GCTGGAGAGA  TGGCTCATTG  GTTATGGACA  CTGACTGCTC
407201  TTCCAGAGGT  CCTGAGTTCA  ATTCCCAGCA  ACCACATGGT  GGCTCACAAC
407251  CATCTGTAAT  GGGGTCCGAT  GCCCTCTTCT  GGTGTGTCTG  AAGACAGCGA
407301  CAGTGTACTC  ATACATAAAA  TAAATACATT  TTTAAAAAAG  AAAAAGAGGT
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139

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407351   TATCAGATTT  GAAGTTACCC  TGGGCTGCAT  ATGCAACCAA  ACCATGTCCT
407401   TGAAAAATAA  AATAAAATAA  AGTTAAGCAG  GCCTGGCATG  GGGGTTCATG
407451   CCTAGCAATA  GAGAGGTCGA  GGCAGGAAAA  TCAAAAGTTC  CAGGTTACCC
407501   TCAGCTCTCT  AGTAAGTATG  AAGCCAGTCT  AAGCTACATG  AGACTCCAGC
407551   TAATAAAACG  CTGTTAAGAA  CATAACCTTG  TTCTTTAAGG  AAAATGGGTT
407601   TTGACATGAA  CATTAAATTT  TTTCTGCACT  TATATGAACC  TAACTACCAA
407651   GTGAATTTAG  ACATAAAAGT  TGTACTTCTT  AAATATTACT  AGGAAACCAG
407701   GAAGAGCTCA  GCAGGAGGTA  GAAAGAAAAA  TCAGCCTGGG  GTCTAGCCAG
407751   CCTCAGCCTA  AGGCTCTGTC  CCCTAGAGAG  GAGCCGGGAG  GAGGCTTGGT
407801   TCCTATGCAG  CCATTTCTCA  AAAGCATCTA  GAAATCCTCC  TTTGTGAGCC
407851   CCTTCAGGGC  TTATAACACT  GGGGGGAGCC  TGTGTGGAGG  GTGGGCAGCT
407901   TCCCTGCTTT  ATGAAGAGGC  CGCTGTGGTC  AGATGAGACT  TTTGGAAAGC
407951   ACACTTGAGG  GTTTGAAGGC  AGCAGCTGGT  CTTTCTCCTC  TCGTGCGTAA
408001   GCAAGTCCCT  ACAGGAGTGA  TTCTATCAGT  TCATTAAGGC  TCAGAGAAA
408051   CGGTGATGGG  GAACAAGCAT  GGAATCTTAA  TGGCGTGCAG  CTATGGTTGG
408101   AGCTAATAAA  GATGACGCTG  CCTTTTCCAA  GTTTGGCTTT  TACGTTGAGC
408151   ACGATAAAAA  GGAGACGAGG  GGATCAACTC  GGTGTCCTCT  AATGGAGCTC
408201   AATTCTGGGG  CAGTCCAGGA  TTTCTGGGGA  GAAGAATCAG  GAGTTTGAAG
408251   GGTCTCCCAA  TAGTTGTTCT  CTTTTGTGAC  TGATTCCTCT  CCACCCTCAG
408301   GATTGAAGAA  TGGCCAGCTA  ACAGTAGGGA  AGGGTCATGG  GAAAGAAAG
408351   AAAAGCCCAG  ACCTTCCTTT  ATTCACATAA  GTCACAGGTA  CAAGACGGGG
408401   GGGGGGGCAG  AAATAGAGAC  AAGAAAATAA  AACCACCTGT  AAATTTGCTA
408451   CCAAAACCTA  TCCCAGCCAG  TGTAGTGGTA  TATCTCTTTA  ATCCTCTCAT
408501   CATGGAAGCA  GGTGGATCAT  GATGAGTTAG  AAGCCAGGCC  TGGTCTTCAT
408551   AGGTAGTTCC  AAGACAGCCA  AGACTACATA  GTGAGACCCT  GTTTCAAAGA
408601   AAAAAGAATA  GAAAAAGAAA  CATCTCTAAT  ATATTAATAT  ATGCTGGTAT
408651   ATCGTTTTCA  AAATGCTTAT  AAATTAATTG  CATAAATATA  ATTTTCATAT
408701   GCACATATAA  GTAGTCATGC  AGTCATAAAA  TATATTTTCC  TTCCAAATAG
408751   TATATTATAG  ATTCTTTAGT  TTTGTTTCCT  CTTAATAATG  CATGAATGTC
408801   ACACATCCAT  AAGCGTACTC  TATCATTGTA  AATAGCTACT  TGCTGGTATT
408851   TTCGTGGTGG  GTTATAATAT  ATTAGCCAAA  GTCTAATTTT  AGACCTTTAC
408901   ATTTCAACAG  GTTCTTGTGA  TCTTTTGAGC  AAAGCTGAGA  TATCCCTGCT
408951   TAGGCTTGAG  GTTTTAATCT  TCTCTCCCAA  TGTCTCCTTC  CCGACAGTGA
409001   AGAGCGCTCT  GTTGCTTGTT  TCTTGCTGTG  ATCTGAGCTT  TATTTTTTCT
409051   AGAGGCGAAG  CCTTTAGTCA  GGAAGGTAGA  GCTTCCTAAT  TGGGATTAGA
409101   AGCTTTATAA  AACAGATCTC  AAAACTTTTA  CTCTCCCTCT  ACACCCTGAG
409151   AAAACACAGA  TAAAAGCAGA  CAGGAGAGGC  AGAAAAGATA  GTTGCCTGCC
409201   CACAAACAAG  TGTATAGATC  CTTATCTAAG  TAGTCTCTAT  GTAACCTTAA
409251   CCTTGGACTT  CCTGGTCTTC  AGAATCGTAA  GAAATAAACG  TCTTTTGTTT
409301   ATAAGTTAGT  CAGTGTGTGC  TGTTCTGTTA  TGGTATCTAA  GATGCTCCTG
409351   ATACCAACTG  AGCGTGTTCA  TTGCAGAAAG  CTGATATATT  AAGTGGGGAG
409401   GGGAAGTTAG  TCCCGTGAAA  AAGTAAGTGA  GCATCCTTTC  ATGTATGTAA
409451   CTATGGATTG  TATATAGATA  AGCATGATAA  CATATGTGTA  TTCTATATAT
409501   GTGCATGCAC  ACATGTGATG  TACAAGGACA  TACTCATTTT  GTTTTAAGCA
409551   GAGTAGATGT  AACTTAATGA  AGGAAAATAA  AGAAGAAACT  CATGAGAATG
409601   GGAGGGTTTC  TGAAGGGAAA  ATATCCCCGA  AGGACATGTT  TTTAAAGATG
409651   CCGGTGATAT  ATAATTCTCG  GTGTTTTCAC  AATATATGGC  AGACACCCCT
409701   CCAGGTCAAC  TAGTATAGGT  TATTAATTTT  TAACTCCTAT  GTGGTGTTCC
409751   ATCCTAAGGA  TTGTCATACT  TCATCCAGGT  ATTCTTTTAT  TAATGGATTT
409801   GGTTTCCCAT  CAACTTTCAG  TTATTAATAC  TGAAATACTA  AGGTTGCAGT
409851   GATCATCCTT  GTACATAGAT  ACTTGCACAC  TAGGGGTTGT  TAATTTCTAT
409901   AGTTTATGGT  CCCTGGAGTG  GAACTCTGCA  TAGAATTGCA  TGTGCGTGTA
409951   AATTTTTAAC  AGAGGCCATA  AATCCCTTTT  ACATGTGTCT  GCCGGTGATA
410001   GATGAGAGCG  CCCTTGCCCC  GAATCCCATC  CCTGATAGCA  TTAGGTGCTA
410051   TTACATTTTT  ATGCTTGCCC  CTGAGATGGG  GATCGTCATA  GTCATTTTAA
410101   TTTCCATCTC  TCTGCCCATT  AGGGGAACCT  GAACATTTTA  TCTTACTTGC
410151   TTTTCTGGCA  ATTGCCTTTT  CCTATCTCCA  ACCCATTTTG  CTATCAGTTT
410201   TGACTATTCT  TATCTTTTTA  AATTGTAAAA  GAGCTGTTCT  TAAATTATAG
410251   ATATGAACTT  GAATCCATCA  TTTGAATTTA  AAGGATTTTC  TCCAACTTGT
410301   TTGCCTTGGG  ACTTTATATT  TGGTATCTCT  TGAGCTCTCT  ATAATGCCTA
410351   AGAATTTTAT  GTATATAGAT  GTGTAATATA  CATGGTACAT  ATATTCTTCT
410401   ATTAATTAAA  AACATGTCTT  CTGGGCCAAG  GAGATGGCTC  AGTAGATAAA
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140

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410451  GGCACTTGCC  ACAAAACTTC  AAGACCTGTG  TTCAGTCCCC  AGATCCCCCA
410501  AATTATCCTC  TGATTTCCAC  ATACATGCTA  TAGCATATAC  ATGTATTGTG
410551  CATGTTCACA  CTCATACCAC  CTCCTCCATA  TGTGAATAAA  TGAATATAAA
410601  TAAATAACAA  AAACATGAAC  CCAACAGCAC  CAGAAAAGAA  CAAGTGGTTA
410651  GCTCTTACCA  TGACCTTTGC  TCTGCTTGGG  TTTTTGTTTT  TTGTTTTTTT
410701  TGTTTTTTTT  TTTAGGGGGG  GGTGTTTGTT  TTTGTTTTTG  GCTCCAGCTG
410751  AATCCAAAAT  GGCTGGTTCT  GGAGCTAAGA  AGGACTTTAG  GTAGGCCAAG
410801  CCAAGACAGT  TAGATTCTCA  CATACAGAGC  ACTGGCTGGT  AGTTGCTTGT
410851  GGACCTTATT  AATGAACACA  GGCCTCTAGC  TAGGGCATTT  ATGCAGTTGT
410901  GGAGATTTGC  ACAATGCTAG  TGAATATAAT  GTGGCCCCTC  TATAGTATGT
410951  CTCACGAGCT  CCTTGGCCTA  ATCTCAAGGG  CATGCAGTTC  TTTATTCTCT
411001  CAGGGCTCAG  AACTCCACAG  CTGCCCAAGC  ATTTGGTGAT  GCCAGTAGAC
411051  CGTACTTCTG  TGAAAAATCA  TCACTTTGCC  TTTTCTCAAC  TCTACTTGAG
411101  CATGTTGGGG  GCTTGATTAA  GCTGACAACC  AGCCAGACTT  CTGAGTTTCA
411151  AGGATAAAAC  ATATTTAGGT  ACAACTGTGA  CTTCAAGGTC  ACCACAGCTT
411201  CTCATGCAAT  GGGGTTACGA  TTGATGCGGT  TATTCTGAAA  ACTCCTTGGA
411251  TCTTAACTGT  GGACGAGAAG  GTATCGTCGT  AACAAACGTC  TAGATTTCTA
411301  GACACATGTC  TAGTCTGTGC  ACAAGCTCAG  TAGAGGGCAT  GACTCACCAC
411351  CTCAACCTTC  CTCTACAAAT  ACCGTTTCCT  CAACACCTAG  CTATAAATAC
411401  AATGCTCCAT  TTTTTCCCTA  AAATAATTAA  TTTTACTTTC  AAGTTTCAAT
411451  CCACCAGGAA  TTTATTTTTG  AAGCTAACAC  TAACTTTATA  TCCTATCTTC
411501  AGGAGACCAA  TTTTATTCTT  CTCCATAGGG  GACGAAAGGA  TGCATCTGAC
411551  TTGCACTCTT  AGTCAATAGT  CCATCATAGG  AGGAAGTCAG  AGTATGAATT
411601  CAAACAGCAC  ACTGGAGGCT  GAATCCACAG  AGAAATGTTG  CTTTTCGGCT
411651  CATTCACCGG  CTTGTGCTCA  GCTAGCTTTC  TTATGCTACC  CAAGACTATC
411701  TGCCTAGGGA  ATGGCGTCAC  CCATAGTGGA  AAGGACCCTC  CCATATCAAT
411751  TGAGGCAGTC  AAAACAGCCT  TCCACAGTAC  TAGAACATCT  ATCAACTGAA
411801  ACTTCTCAGA  CCAGTCCAGG  CTATGTCAAG  TTGACAAAGC  TAACAGGGAC
411851  AAAGGGTTTT  AAAGCTTTTT  TTTTTTTTTT  AACACAAAAT  GCAACCTTTG
411901  TAAATGATTT  CTTGGTGGTT  CATACTATGT  AATGTTTTTA  TCACTCTCCT
411951  TTGAGACTAG  ATAACACTTT  GAATATTTAG  CACTATTAAA  TGTTTTGGGG
412001  ATGATGCTAT  GCTTGTGTGT  TTTTGAGTCT  GTCTCAGTGT  ATACATGATT
412051  TAAGAAATTG  CAGTAGAGAT  TACAAGATAA  ATGATTAACC  ATTTTCACAA
412101  GTTTTCATTT  TGCATAATAT  GTAAAGATTA  TCACTTAATT  ACATGTTTCA
412151  TCTGGTTATT  AGAAATGTAG  ATGAATAAAT  GTAGATGATT  AATAAAAAAG
412201  AAATCAAAAC  TTATGCAATA  ATGGATATTA  CTTTTTAAGA  ACTTAATGTA
412251  GGTTTGTCCA  GCTCATAATT  TTGCCCCACA  GGTCTCATTT  TCATATATTT
412301  CTGATTTTTA  TCAATACTGT  ATTTTAGATG  TTTTCTTTAT  TTCCATGTAT
412351  AGTAAATTTT  GTTCATGTAG  AAAAAGCTAA  TGAATTTATC  TCTTTACTAC
412401  CCAGCTTTAT  CAAATTCTCT  TTTTAAACTT  TTTTGTTTTC  TGCTAGAGTT
412451  TATTTTTGAT  GTCAAGCATA  AAATTATATT  ACCAACAAAA  CATATTTCAC
412501  CTCTTTCTCC  CACATTCGTA  CTGTCCATAT  TATACAACAT  ATGCACTGTG
412551  AATGCAATCA  TTTCCTAGCA  TATACAAACA  ACATTAAATG  ATAATGCCAA
412601  TACTATAGGT  TCCTATCTTA  TTCTTTATTT  TAGCATGAAC  TGTTATGTTT
412651  AGAGACAGGG  TCTCATGTAA  CTCAGGCTGA  CCTCTAACAT  ACTAGTTAGC
412701  CAAAGATGAT  CTTGAATTTT  TTGATCCTTC  TGCCTCCACT  TCCTGAGTGC
412751  TGGGACTTCA  GGCATGAGTC  TACACCTGCT  CTGTGTGGTA  CTGAGTATTG
412801  AACCCAGGGC  CTCATGAATG  CTAAGCAGGT  ACTTTACCAA  CCAAGCTACA
412851  TTCCAGTTCC  AAAATTTCAT  TTTTAATAGA  ATAGCTCATG  TTGATTCTTA
412901  GCTGTAGGTT  ACCTGTGCCT  CTCATTTTGT  TTTCTCATTC  TAGGATCCAG
412951  GCCAAGTTCA  GATTTCTGGG  GGCGGTTGCC  ATTTTTATAA  TAGAGAAAGT
413001  TGCCACAGCC  ATTTCATTTA  GCTCTAAAGA  AGTCCATAGC  TATTCCTCTT
413051  GTGTTTATTG  GCCAAACCCA  ATAAAATGGC  CAGATGAAGG  CCTCATGGTG
413101  GTATGATGTC  AAGGCTGTGG  AGAATTATAA  TCTACCCACA  GACATGACAA
413151  TAAGTAACAA  ACTACACAAC  AGACTCTACC  ACAGCTCACC  ATTTATGGTT
413201  CTATTTGCTG  CTTTCTCATA  CATGACCTTC  ATGGATGGCC  TTCACTGTGA
413251  GCTGTGTACA  TTCTTTCTAT  GCCTACGGCA  CTTGGTGTGT  GTTTTAAGTA
413301  GGTGTTGGAC  TAATCCAGAC  GCGGTGCCAT  CCACGGACAA  GGTGCAGTTG
413351  TTTTTGTTTG  TTTGTTTGTT  TTTTTGGTTT  TTTTGCTTTT  AGTTTGTTGA
413401  TGCAATACAA  ATAATTTCCC  CATAATCAAC  TCTTCTTGAG  TTCCCAGAAT
413451  AACTGTACTG  AGAGCTGTGA  ACTAATCCCC  CAATAATCCA  GTGAATTCTA
413501  CTTCATAAAT  CATAGAATTA  TAGTCCTTTC  CCTCATCGGC  GTAATTAGCT
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141

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413551   GATAATCATC  TCTAATGTGA  ATTTTGGTTT  TTTTTTAAAT  TTTTTAATTT
413601   CACAAATTAA  AATAATTTAT  CGGTGTTAAT  TTGTTGAAAT  ATTTTCCGCA
413651   CAAACTTAGC  TCTTCTACAT  TGTTGGATTC  TAATGCTTGT  TTTCTTCTCT
413701   CTCTCTCTCT  CTCTCTCTCT  CTAAAAGACA  GAATTTTATT  AGCAAGCCCA
413751   GGCTTGCCTC  AAACTTACGA  TCTTCCCAGT  TTTTCTGTGC  TAATAAAATA
413801   TACGTCATCT  AATAAAGTTG  TCTACATGTG  TGTGTATGGG  GGGATGATAT
413851   ATGTATGTAT  TCATGCAAAT  GTGTGCTTAT  GTGCATGTAA  GTGCATGTGA
413901   GTGTGCGAGT  GTGCACACGT  GTATTTGGAG  GGTAGAGGTC  AACATTCTGC
413951   ATCTTCCTTG  ACCACGCTAA  CTTATTTGTT  GGGACGGTCT  CTCATTAAGC
414001   CCGAAGCCCA  CCAAGTCGAC  GATGTGAGCT  GCCTAGTGAG  CTCCAGGGAT
414051   CTATCTCCTC  TGCTTCCCCA  GAGCTGGGAT  TACAGATGCA  AACGTCCCAT
414101   CTGGCTTTTC  ACATGGGAGC  TGGAATCCTA  ACTCAGGTCC  TCATAGCTAC
414151   ACATCTGAGC  CATGTCCCCT  AAGCCTTTTG  CTTCCAAAAT  AAAATTCATA
414201   TGAGAATCCT  TTGTTTAGCG  TTAGCTTTCA  AATGCATGCA  AAGCCTTCCT
414251   TTATCATTAT  CTTTTATATT  TTGTGTGTGT  GATCATATTT  CTTAATTCAT
414301   TCCAACCTTG  TAATTTTTTC  CATAAGCATG  TGACTGATTT  ATAAATCTGT
414351   ATCACTGATC  AAGAGGTAAC  TTTTAGCCTA  AAGTCAGTCT  GTGAATGTGA
414401   GGCTCTCAAT  ATGAGTCCCT  GAACTGGTGT  CAAAGCACCA  GACATGGGGG
414451   CTGATCCCTA  TACTACCAGT  GTTGACAAAA  TGGAGACAGG  TGGATTCCTG
414501   GGGCTCACTG  ACCACTCAGT  GCTCTATAGG  CTAGCTAGAT  ACCCTGACTC
414551   TAAAAAAAGT  GAACAGTGTC  TACGACACTA  CAACTGAGGC  TGTCCTTTGG
414601   CATCTACACA  CACACACACA  CACACACACA  CACACACACA  CACGAACACA
414651   CACACGTGTA  CACACACGAA  CACACACACG  TGTACACACA  CACACAGACT
414701   ATTCTCAGAT  CTTCAGAGGC  TGAGGCAGGA  GGATCACAAA  CTTGAATTCG
414751   ACCTGGGTCA  TATCACAATT  TAATGCTTTA  AAAAAGGAAA  GAAGGTAGCT
414801   TTTAAATAAA  TATTCTTTTT  ACTATTTTAT  TTTCTGATAC  ATTGTTTTTA
414851   GCTTATTTAT  AAATTTTACT  TCTAATTTAT  CTTCTTGTAA  TTTCTCAAGT
414901   AAACTACTGG  TCTTTTGCAG  TTTTTAATCA  TAAATAGTGG  AGCTACCTAT
414951   AATTAAATTT  ATCTTAGGCA  GTCTTTTATT  TCTTACAATA  TAGACTCACT
415001   CTTTTTCTTT  CTAGACTGTA  GCATAAATTT  TACCATAGCC  CCACCTGAAT
415051   TATCTCCACA  CACACTCAGA  TACACTCATG  TACCCTTTTG  GTAGTTCATC
415101   TCACCCCCTC  CCGTGATTTA  AACTAATGGT  TTCCAGAGTT  CCCAGAAGCT
415151   GCAAGCTCAA  ATTCACACAT  TCCCTCATGC  ATACAACTAG  TTCCATAGGC
415201   TTAGCCTTGC  CAACATTTCT  CTAAATCAAC  GATAAGCATC  CTTTTCCTGG
415251   TTATTTGTAG  CATGGTCACA  CAGTGTAGGC  TGTTAGGATT  TATCTTTCTT
415301   CTCTGCCTCG  CCCTTCACAG  CCATTCTGTT  CAAACACCAA  ATCTTGTTTT
415351   ATATTAACAG  TAAAAGTTTA  CGGTCCTCTT  GTCTACTCTC  TGCCGTTGTT
415401   GCCTTGGCTT  TAACACTCAG  CATCTGTAGC  AGATTATTTC  AAAGATACAA
415451   GGCTTTCCTT  CCATTTCCCT  TCTCCCTATC  CTATTCTGTT  GCAAACTTAC
415501   CCCCACCCCC  AAACGTCAAT  GTTCTAGCTA  AGATGCAAAT  TTCACTGTAT
415551   AAAAGTATTC  TTTTTAGGAT  TCTCACCTTT  TCCAAAATAA  AGTCCGCATA
415601   GTCTGCACAC  CCTTCCCCTC  CCCTCCAGAA  GGGAAAGCAG  GGATAGCAGG
415651   AACAGCATTT  TTGACTCACG  TAATGAACTC  GTTTATCAAT  GTGCCTTTAT
415701   CCTCACAAAG  TTCTGAGCAC  AGAAAAGCTT  TAACTAACAA  TTACTCTTTT
415751   GTGAGCTAGG  ACTTGTGTTA  GGGTTTATCT  TTCTTTTATT  TTTATCATTG
415801   TAAAAGACAT  GGAATGCCTT  TAGCTGTTCA  TATAACTATC  TTACTGATGG
415851   TGGTTAACAT  TAAAACCACA  ATGCTTTGTG  TTGTAATGAG  TAATAATGGG
415901   TATATTGTAA  GTATCTAGGT  AATATCCATA  TGTAATAACT  TATGTAATAA
415951   GTCATAATAA  GTATGTAGTA  AGTTATAAAC  ACAGTCTTAC  ATCATAAGTG
416001   ATGGTACTAG  GTAGTGGGTC  CCAACAAAAA  CACACCATGC  AACAGGTCTC
416051   ACGTGGGAGG  TTTATTGAGG  CATAGAGGCA  GCCTCTAGGG  GAAAGAGGAA
416101   AGAAAGAGT   GGGGACAGGG  AGACCGTGAT  TTTTATTGGA  GCCATGGCAC
416151   ATGCACAAAG  AGACATGCAA  CAAGACGTGT  CTCTGAGTCC  CTCAAAAGCT
416201   GGCTGTAAAG  ATGCCTGATT  GTCGCGGGGT  CGCATTTAGC  TGTCCATGGA
416251   TGTGCCTGAT  TGCTAACAAT  AAGTTTCAAA  GTGGAAAGGC  TCCCAGTCCC
416301   TGATTTTCCA  TTTCACTATA  CTTAGCAGAT  TGGCTTTTAT  GTGTATGTTT
416351   ATTTTATCAT  GAAAGCAAGG  TGACAAAGGA  AAAAGAAAAG  GAGCCCACAG
416401   CAGTGAGCTC  TCTTCTGGAG  CCCAGTGCCT  CCACAAGGAT  GTGAAAGTTC
416451   TCTCTGAATC  CCCACACCCG  GTTTTCATTT  GCATCTCCTT  AGCCAGAAGC
416501   AGTCACCTGA  CTGTTCCTAT  TAGCAAGCCC  AAGAGGTTTC  CAGCCTCAGT
416551   AGTGGATGGA  TACAAGAAGT  GGATGGGGGT  GGGGAGAGAA  CGACCAAGAG
416601   ATGGGTCCAT  AATAGATAGG  CAAGACATCT  TTACTGTCTT  CAGTTCATAG
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142

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416651   ATGAGACCAA   GGTTACCCCA   AGTCCTGCTA   TTGGTTATTG   GTGGATCTTG
416701   GATTGAGCAC   CAGGTCCTAC   TTCCGAATTT   TACACATCTC   AACAATATCG
416751   CAGTTTCTCA   TGTACTCTGA   CAGGATTTCA   GACAGGCGTG   GTCAAGGGTC
416801   ATTTTCTAAC   ACCAGTTGTT   TTCCTTGAAA   TCACACCGGA   AATGTTCTCA
416851   GGCATTGCGC   AGAGTTACTT   ACGACGTTCT   GAACATGACT   TGTCTTGTAA
416901   ACCAGTTTCC   TTTTTTTTTT   TTTTTTTAAA   TGGAAACTTA   GGGACCACGC
416951   TAGTCTGTCT   TTGAAGTACA   TTGCACAGAA   AGCAGCCACA   TACAGTCTCT
417001   GACCTTCCCG   AATCCCCAGT   TGGGAATCCC   TGCCAAGTTT   CATCATTGAG
417051   CTTTGAAAGT   GGGTTTTAGA   CACAGTCTTC   TTGACCTTCG   GCCACTCCAC
417101   TTTGCCTAAT   GAATATCTTG   TAACTGGGGA   AAGACAGTTA   AACCTCCTCT
417151   AATATATCAA   AGACAAGAAA   TGAAATAACT   ACCCCAGGAG   AAGGTTCATT
417201   TCCACAGCGA   TTTCTAAGGG   AATAAAATAT   GCATACGAGA   TGCTGTGCCT
417251   TATGGTTCTT   TCATCCTTCC   TTTAATAAAT   GAGAGTCAGT   GGGGGCAAGA
417301   GTCCAATTCT   TCACTGGTGC   AAAAAGAATT   TAAACCTTTT   ATTAGTGACT
417351   GTGATGTTTG   GGTCCGCTAA   AAAGGAAAGG   CGATTTCAAA   TGATCAGTCG
417401   GGGGAGTGTC   TGTAAGCTGT   AGACAGCGTT   AATGGCGCTA   ATTCTACCCC
417451   ACTGGAATTC   ACTCTTCCCC   TGACAATAAG   TTTCACTTCC   ACCTGCTGCA
417501   GATCATTTTC   TATAGAAATA   AAGCCATGGG   CAACTTACCA   GTAAAGGGTA
417551   TAAAACAAGA   TCTGAAAAAC   ATGTAGATGA   GAGAAGAAAT   ATGTATTTGA
417601   AATAATATAT   ATCTCAAATA   TACATTTGAA   ATAATACATC   TCAAATATAC
417651   ATTTGAAATA   ATTATATCTC   AAATATATAT   TTGAAATAAT   ACATTTTTTT
417701   TCCTTTGGAA   GCAACATAAC   CTTAACTAAA   TTGGGTAAAA   AAGGTGTGCA
417751   TTTGTCCTCA   GAGGCTGGAT   AGCCAAGAAG   ACTCTTGTCA   CTCTGAGAAA
417801   CACTAGACAA   AAAAAAAAGT   CCATATTGGT   CCCAGCATCA   CTGATGGTTT
417851   CAATGATGCC   CTCATCTTTC   TTTCCAGCCC   AGGCAGCGAG   TGTTCCTGTG
417901   TTGGAAGTAT   GTTAATCTTG   GCGAAATAAA   TAACGTAATA   AAACCTTCAG
417951   CTTGGAACAG   GACCCAGGCA   TCTCCTTGTA   CAATTATCCA   AGTGCTTCCG
418001   AGAGACTTGG   CTTTCTACAG   GGGCATGAAT   TCAAAGGTGA   GAAAAAGGGT
418051   AAAGCACACA   ATTGTAATAA   GTAAAAAGAG   TATATAACAT   AATTTAGATG
418101   TAATAGTACA   TAGATGACCC   CTGTCTTACA   GTTTTTCAAC   CTGAGATGTT
418151   TGACTCTGTA   ATGGTGCAGA   GTGGCACACA   TTCAGTAGGA   ACCATATTCA
418201   AACTTTGAAT   CTTGATTTCC   CTCTCCCTCC   AGGGTTGGTG   ATATGCATGA
418251   TAGAACACTA   TCTTGGGATG   CTTCGTCACA   GATTCATCAT   CTATACAATC
418301   GGAAGAATAG   ACCCACATTT   TGCCATACAC   TACATTGCTG   GGTTATGATG
418351   GGTATTTTAA   ATGCATCTCC   AACTTCAGGT   ATTTCCACAT   TGCAGTGGGT
418401   TTATCAGACT   ATAGCCCCAT   GGTAAGTCGG   AGTGTATCTG   TACATAGGCT
418451   TAATCCTGAG   ACCCTCTCTA   TTTTATGAAC   CTAAGATGAA   ATATGATGGA
418501   CAGAAGCAAA   CCCAGCAATG   TTCTTCATAC   TTAGTTTCTG   CAATATCTGT
418551   TGCTATGGAA   ACGTGAAAGC   CTCAGCAGAT   TTCCTGGAAG   TTAAGGGTCT
418601   GCCTGCAGAC   TTCTTTCCAG   ATGCCAGCTT   GCTTGCTTGT   TAAATAAAAC
418651   TTGGCATTTA   TCACACAGAA   GAGTTTATCT   CAACCCATAC   TAGGATACCT
418701   ACCCAGGGTG   TCGAGCGCAG   TGCTCACATG   AGCGAGGTAT   TTAGAGAGTA
418751   TGAGAGAGTC   GTCTATTAGG   TGCCTTGGGG   CTTTTAGATT   CAAAGAACCT
418801   GTCAACTTTG   ATGGTTTTTC   TCTTCCTTCA   TCAACACTTC   CCGTAAAGAA
418851   AGAAATCTAA   AATGGGATCA   GCTGTTAGTG   GCCCGATGAC   AGGAACTCAC
418901   TTTGTCAATG   AAGTTGTCTG   CCTGTGTTAA   GCAGCTTAGG   TCTTTCTGGA
418951   TACAAGTGAG   AAAAATCACA   TTTTGCTGTA   GACATTTCGG   GTCGTCTCTT
419001   TAAGAGTAAT   TTCCCCCTAG   CAATTAGACA   GCAGTTTGCT   CTCAGAAAGC
419051   TGACTAATTA   ATTAGGAAGC   ACTTAAATGA   GTTCTTTCAA   AATGTCTGAA
419101   CATGTTCTTG   CTTCTCCTTT   CCGAACCCTC   CTCAACTTAA   CTAATAGCTC
419151   TTAGAAAGAA   TCCCTCCAAC   AAAGATCACA   TGATAATTAC   AGTGCTGCTC
419201   TCACCTCTGG   CCTTAGTTTA   AGAAGTGATT   TAAATGATAA   CAAAGTCTGC
419251   AGGGTGCATT   ACCAGGCAGC   TGTTGATGCC   AAGTTGCCCA   CCCTGACACA
419301   ACTCACATCT   CTAGCTCCCT   CCCATCCTGT   GATTGTGCACAT   GGAGCATTTT
419351   GTCGCCGCCA   TTGTGGGAGA   AACCCAGCCT   ATGTGCACAT   TCGTGTCTTG
419401   AGTGTTCCAG   CTGTAGGCTT   GGCCTTCTAC   CAAAGTGTCT   CAAAAACATG
419451   CCAGCCACGG   CTCATTAACC   AAATGATCTC   CAAACTTTGT   GGTGGAGGAA
419501   GAGATACAGG   AAAAGGCAAC   ATCTCTTCTG   TCCTTAAACA   TCCCTCCACA
419551   AGGATGCCCT   GGTCCAACTT   GTGGGCTGTT   TATAGTGACC   AGTACGGAGC
419601   GAGTACAGCA   CAGGGGGATG   GGGAAAAGGT   GTGAGCTTAC   TCAGTAATTG
419651   TCTGATGGCC   ACTGCCTCAG   CCAGTCAGTC   AGTGTCAACC   AAAATCATGC
419701   AAAATCATGC   TGATGGGTTT   TACCTTCAAA   GATTATGCTA   AAAGAAGTAC
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143

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419751   CATACCCCTG  TGATCTTCTG  CTCCCAAATC  TGCACAGCAG  AAGCACCTAA
419801   AATGCACCAG  ACAAACCCAA  GTAGTGGAGC  ATCCCAAGAT  TCACCTGACT
419851   GGTGTACTCC  TCGCCTCTCT  AGGTTATCAG  AGACAGGCAC  AGTGTGAGCA
419901   TCTGTCACAC  GTAAGAGGAC  CCAAAGGAGA  CAGGAGAGCT  AACTGTGACA
419951   TAGGATCCTA  GATGTGACCT  CAGGTTAGAA  AGGGGCCACC  GCAGAAAAAC
420001   TAAGACAATC  TGAGTAAACT  CTGGGCTGTA  TCACCCGTCT  GTTCATAGTA
420051   ACAAGTATTC  CACAAGGTGT  TAACTACAGG  GGAAACAGTA  GGCTGTGGAG
420101   CTGTCTCTGC  CAAGTCTGTA  CAGTCAGCCG  ATGGATATTT  TATTTCAGTC
420151   CAAAAGTTCT  GTTAAAAAAA  AAAAAAGCAA  AAAAAAAAAA  CCCCAAAACA
420201   ACAACAACAA  CAACAACAAC  AACAAAAACC  CTCCTTTTTG  TGTTTAGAGC
420251   TGGTTTTGAG  CATTTCAAAA  CCCTGAGCTG  CCCTTGGCAG  ATTCTGTTTA
420301   TCCTCGGCAT  CGGGGGATTT  ATGGGTCTTG  GATTTGACTA  TGGGAAGAGA
420351   CTCCTTAAAG  CCCATGATAC  AGAATATTTT  ATAATGCCGC  TGGGGATGTG
420401   AACAAGGCTA  ACCCTCTAGC  AAGACTGGAT  AGCAAGATTC  CATACAATTA
420451   CAGTGTACTT  TGGGAACTCT  TGTATCAAAC  CTTTGTAGAA  GCTGGATGCT
420501   GGAGCTAATC  AACTGGACTG  TGCTGCCAGC  AGCCAGGCAG  ACGGGTGGAG
420551   GGTCCTCTTC  CGTGAGACAT  GGGTGAAGCC  GATGACAGTC  AGGCACCCAT
420601   TGTGTCTCCT  CAGCAGTTCC  TTGAAACATC  AAACACTTGT  CACAACATCA
420651   ATGTGAGTGG  CATCCTTTCT  GCTTAGACAC  CATGGTGAAA  CCAGAGCAAG
420701   TCTATGTTGT  TGCTGTTGTT  CCCACACATG  GTAGTCCCTG  GCTATCTTTA
420751   AGATTTATGT  TTCAAAGTCC  CTGGTTGGAT  GAGAAAAGCT  GCAGTTAGTA
420801   GCGGATACTA  TCTACCAGTA  GTGGGCATTA  TATTGGCAAA  GTATTGTGAA
420851   CTGTTTAGGT  TTGTTGAAAG  TAGACTATGG  AAGCAAGGGG  CCCTTCCTTT
420901   GTTTCCTCCT  CTCTCTCCCT  GCCCTGTCCT  GAGTCAGGCT  GGCCCCTGGC
420951   TTTGTGACAG  AGAGAGAGAG  AAAAAAAAAA  AAAACAATGT  GCATATAAGA
421001   ATATTGAAAA  CATTGCACCC  TTGAGAACAG  CTAGAAGAGA  AACTATTACC
421051   AAGAGACAGA  GACATTTCTG  TTGTTTATCC  CATGGCATAA  ACACAGCAGT
421101   GGTGGGAACG  GATGCCAGAT  GGTCATTCAC  CAAGGAAAAA  CTCAATCAGC
421151   AACCCTAGCT  GACCATTGCA  ATGTCTCTAG  TTGATTTCTG  CTTACGTGTT
421201   GATAAGCCTT  GATTTGACGA  CCTTACCTTG  GTTTGTCTCT  ATCAGGACTG
421251   TTCCAGTCTT  CTGTGCTGGC  ATCTGTAGAC  TTCTGATGTG  ATGATAGTTT
421301   GCTATCTCTT  GCTGTTTACA  CCCATCACTT  GGTATTTGTC  CTTTGATTTG
421351   AAATATACTT  AATAAATTCC  TTCATTCGAC  ATATCATGGG  CCATTCTCCA
421401   CACTGTACAG  GACAATATTT  GTACCACTGT  TTCTTCTACA  CGTCCTGCTG
421451   TGTTGCCAAA  TAACACCAAA  AAAATATGTC  TTTCAATGGT  CTACCTTCTG
421501   GTGCCTCTGT  TTATCCCAAA  GATGGGTGGA  GAAAGACCAC  AGACCCAAAT
421551   CATCATGGCC  AATTAATTAA  AGCAAGCTCT  TTGATTTGGG  TACACAGGCT
421601   ACCTCCCCCT  AAGGTGGGCC  TCAAGAGGTC  GGCACTGGAT  TCAAGGAAGA
421651   CAAGGCTTTT  ATGGCTCACA  CCTGGGATTA  AAACAAAACA  CATTCATATA
421701   ACACTTCTGT  GTTTTTAAAG  AAACCAAAAT  TCTCACTACG  TGTGCTTATA
421751   ATCCAGAATT  GGAAGGCAGA  AGTTGAACAA  TTCCAGGGAT  TGAGTGGCCT
421801   GCCAATCTAG  CCAACTGGTG  ACCTCTAGGT  ACAGTCTCTA  AAACAAACAA
421851   AGTGGAGAAA  GATAAAGGAA  GACACCCAAC  ATTGACTTTG  AACACACATA
421901   CACACACACA  CAAATGAATA  GATAAATAAA  AAAATGAAAC  TTCAGTAATT
421951   TTCATTTAAC  TTTTTTCAGA  CTACAGTTGG  GTTGGGATAA  CAGAAACTGT
422001   GGGGAGCAAA  GCCACAGATA  AGGGGGTGGC  TACTGTGATT  GTTAGTAGTG
422051   CCGTCTTCCA  TGCTTGAACA  TGCTGTGCTT  TGGATTGTGG  TTCACACAGT
422101   CGCCATAACT  GTATCACAGA  GTCTTCTGAT  GCTCCCAGGC  TAAAACTTCC
422151   AGGAACAATT  CCTGCTGCTG  CTGCTGCTGC  TGCTGGTGCT  GCTGCTGGTG
422201   CTGCTGCTGC  TGCTGCTGCT  GGTGCTGCTC  TTCCTCTTTC  TTCTTTCTTT
422251   TCTCCTTTTT  TTCCTTTCTC  CCCCCTCCCT  TCTCCCCCCT  CCCCCTCCCC
422301   CTCTCCCTTC  TCCCCTCCCT  CCCTTCCCCT  CCTCCCCCTC  TTCCCCTTCC
422351   CCTCCTCCTC  CCCCTCCCCC  TTCTCCTCCT  CTTCCTCTTC  CTCCTCCTTC
422401   TTCTTCTCCT  TCTTCCTAGA  CAGCAGAGCC  TGGGGCTCTT  TATTGCTCCT
422451   CTACTAACAA  TAAAAGGAAG  CAATACCCTG  CCCTTTCGCT  ACAGCTGCTG
422501   AGCAGCCACA  GGGGACAGCC  CCCACCCCTG  TCATGAGCTT  AAAAGGCTGC
422551   TTGGTCCCTG  GATAAGGAGT  GGGAGGCACA  GCCTCCATCC  TGGTCCTTCT
422601   GTCAGGGAGA  TAGCTTTTCC  TCTAGCCCGT  CATCTCCTGA  GCAACGCCAC
422651   GATTCCCCCA  CTTCTTTTTA  GTCCTATTGC  TTGCTGTGTT  GCCCACTGCG
422701   GTTCTAAAAT  GTCAGGGATG  TAGGAATGTA  TAAAATGTCA  GGCCATCTGG
422751   AAGAACAACC  GGGCTGTGAA  GGTTATAACG  ACCTCCAGGT  GCATAACCTC
422801   ACTCACCCCA  CACAGATAAT  TTCCCAAGCC  CATCAGTTTC  AAGAATATGT
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144

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422851   CTTTTCCTGG  GGACAGGAGC  AGCATTTAAA  CAGAACAGAC  CCCTGACAGT
422901   CACCTGTTCT  CCAAAATCTG  GATAAGTTGC  CCTTTAGAGG  TGACATAGAG
422951   GCATCTCCCT  CTATGGAGTC  TGTCAGCATG  GTCTCATGAG  ATGCCACACT
423001   GAGCATTGAT  AACTAACCTG  TTGGAACAGG  GCCTGGAGCA  AGAAGTGCTT
423051   TAGTTCAACC  CCAACTTTCT  CGTCCGTGGC  TATTTACTGC  AGTCCTCACT
423101   CGTGATAAAC  ATCCTCAAAC  ACTTTTCTGG  CCCTATAGAT  TTTGTCTTAC
423151   ACTAAGTCCA  TAAAATTTAG  CAATTCTACC  CTTAAGCTCC  TTGGTAGTTC
423201   TCTGCAGTTC  TCAATCTTTC  TAATTTTTAA  AGGGGCACC   ACCCACTTTT
423251   AACACGTCAT  TTGCACGGTT  AATACAGTCA  CAGAAGAAAA  TGGAGTTTCT
423301   ATCAATGGTC  AGTTATGGAT  GGAGGAAGGG  CTCATGGGCG  TCTAGCCCTT
423351   CCTGCTGAAC  TATTGACTGC  CATCAGATTC  TGGGAGTGAG  GGGGAAACCA
423401   TCACCTTCAG  TCCTGTACCC  AATGCTGAAT  CCACCGTGCA  TCAGTGGATA
423451   AGTACACACC  TGTGGTCGGT  CACGCAGATG  GCCCGGTCAA  ACTCAGTGGG
423501   TTGCAAACAA  AAAGACATGA  ATGTGGGAAA  GAGATAGGAA  AGAAGAGAGG
423551   CAGCTGGGAG  TGGGAAGGAG  ATAAGAGAGG  GTGGGGTGGA  GAAAACAATC
423601   AGAATGCATT  ATGGACATGT  AATAAAGTAT  GACATTGCCC  AAAAATAATT
423651   CTTTAAAAAG  AACATGGAGT  CTTACTTCCA  AAAAAACCTC  TTAAGCTAAG
423701   GACCAGCTGT  TCGTATTAAT  GTTGTTGGTT  TTTTTTTTTT  CTTTTTTTCT
423751   GATGAATTCT  CTGATTTATT  GTAAAATCCT  ATTTTCCCAG  GGTCACAAAT
423801   CTCTAGCGGC  TTCCACAACT  TGCAAATACG  CACTTGAGCC  TAAACCTCTG
423851   CTAAGGCTGG  CGATAGGATG  TGGTCTTCTG  CATTGCTGTG  GCCAAAGTGA
423901   TTGTAAAATT  CATAGGAGAG  ATCAAGCCCT  GGTTAAAGAC  AGCAGCGAAG
423951   GCTGCTCAGC  AGTGTGAGTG  CCTTTAATGC  TATTCTGATG  GGCGTTTGAA
424001   ACTGGCGACA  GTAAAACCTA  CAGGAGACAT  GCTTCTCTAT  AATCTTTAAC
424051   TATATGGAAC  CATGAAAATC  AGGAGCACTG  AGGGACAAGG  AGAGAGAGAG
424101   AGAGAGAGGG  AGAGAGAGAG  AGACAGACAG  AGAGACAGAG  AGACAGAGAC
424151   AGACACAGAG  ACAGACACAC  ACACACACAC  ACAGAGACAG  AGAGAGACAG
424201   AGAGAGAGAG  ACAGAGACAC  ATACACACAC  ACAGAGAGAG  AGAGAGAGAG
424251   AGAGAGCATG  TGTGCTTTTA  TAGATGCTAC  AGGGTGTGGC  TAAAAAAATT
424301   AAATAGCTAA  GAATTAAAGA  AGAGAGGAAT  TTCTAGAAAA  ATGGTTTTCC
424351   ATTTCAGATT  GTCTGACAGG  TTGTGGGCAT  TCATGAGAAC  AGATATGTCA
424401   TGACCTTGCT  GTCCATCCAA  AGAAATGGTA  TGTGTGTGTG  TGGGGGGGGG
424451   GGGAGATTAT  CATAGAGCCT  CAACAGATAA  AATTTCATTA  TCAAAAAATA
424501   TGGAAATAAG  TGGCAAGTGT  ATTCATTTAT  TTAACAAACA  CCTACTGCAC
424551   GCCTGACATC  ATATTTCATG  ATACCTAATA  CAATATGCAG  TATTAAATCA
424601   GCTATCGATT  ACATGTGTAG  TTACCACGTA  ATATTTCATT  TTTATATATC
424651   TAAGATGTAT  GACTATTTAA  GGTTGCTAAG  ATCCCTAGTA  CCGTGAGTCC
424701   TGGATTGCTG  TAAATTTACT  TCATTTGCAT  GAAACTTTGA  CAGAAAGAAT
424751   GCATAGAGGA  TCACAAGGAC  TAGAGAGATG  GCTCAGTGGT  TAAGATCACT
424801   TTCTGCACTT  GCAAAAAAAA  AAAAAAAGTT  TGGTCCCCAG  CAGTTCACAG
424851   CTGCCTATGA  CACCAGCTAC  GGGGATCTGG  TACCCTTTTC  TGGTCTCTAC
424901   ATGTACATAC  ACACCCCCCC  ACACACACAC  ACAAACCCCA  AAGCCAAGAA
424951   AGTGTGAGGA  ACAACTGGAA  GGAGGCTTGA  AGGAGAGCAG  GCAGCTGTTG
425001   GGGTTTGAGC  ACACAATGAT  GGCCATGTGA  AAAAGTTAGC  AGCCCAAATG
425051   ACAAGATGCC  ACTGTCACAT  CGCAACCCAA  CAGGAAGGCA  CATCTTTCCT
425101   CTGCATGCAT  CCCTCCCCAC  CTCCCCATGG  AGAAGGAAGA  ATCTGATTGG
425151   CTTCCTGACA  CAGACTGGGT  CATTTCCCAG  CATGCATAGG  GCTCACTGGT
425201   GTGTTAAAGG  GTCATGGCAC  ACTAATGGGG  ACCACAGTAG  TTAAAAGCTT
425251   CCACATTGTA  GCTTGCTCTA  CCACTTATGT  GTCATGTGAC  CTTGATGAAC
425301   ATATTTAGTC  TACCATAACT  TCCATCTTTT  CATTGCAAAA  CAGAGAAAAT
425351   AGGGACTTGA  ATCATAACAT  AGGCATATGC  AAAATTACAT  TATTCATGGA
425401   AGGTCCTCAG  CCAGGGCCCT  GATACCTGAC  AGGAATCTGA  TCTGAACCAA
425451   TCACTGTCAC  CATCCTGTGT  TGGAAGCAAA  CCCAATGGCC  CACTCTCCTG
425501   CATTCTATTT  TCTTGAATTA  ATGCCAGCTC  TGTGGCTTGT  TTCCTACAGC
425551   ACACCCAGCA  CCAGGATTCA  GACATAAGGA  AAACACAGTT  GCATGCTTAC
425601   ATTGACTTTA  ACCAGTGGCC  CAGCCAGTGC  TCTCTAGCCA  AAGTATCAGC
425651   AACTGTCCTC  ATAATTCAGG  ACTTGAACTA  TCATTTTTAA  ACGGTAGCAT
425701   TTCTCCTTAT  GAGTATATCT  TCATCAAAAA  AAAAAAAAAA  CCTTTTGAGC
425751   TGCTGGGGGT  ACCTTTTCAA  CCAGAAAGG   GTGTGTAACT  GCAAGCGAGA
425801   GAAGCCAATT  TTGACTCCTG  GCACATATGC  AAAAACCAGG  CTTGGTGGCG
425851   TGTATTTGAA  ACCCCAGCAC  TGGAGAAATA  GAGTCCAGAG  CACCCCTGGG
425901   GCTCCGTGGC  AATATAACCT  ACTGTGCAAG  CTGAGGTCCC  AGTGAGAGAC
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145

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425951   AGTATATTAA  ACAAAGGCAT  ATGGGTTCCG  AGAAATGTCA  CCTGAGGTTG
426001   ACCTCTGACC  TCCATACAGA  TGTACACATG  CATATATGTG  TACTTCCATG
426051   CAGAATATAT  ATATCTACAC  ACACACACAC  ACACACCTCT  TTATAGGATA
426101   GAGATAGAAG  AATGAGAATT  CCTAGATCCA  CAGCCTAAAG  TGTTACGCTG
426151   TGACTGTCAT  TGTGCTGGAT  TCTGGATCCT  GCTGAGAAGA  AACAAGCCTG
426201   ACCCCTTTGA  CATCTGCTTA  ATTGGTTCTT  GTCTTAGTTA  GGGTTTTACT
426251   GCTGTGAACG  GACACCACAA  CCAAGGCAAG  GACAACATTT  AATTGGGGGT
426301   GACTTATAGG  TTCAAAGTTT  CAGTCCATTA  TCATCAAGGT  AGGAACATGG
426351   CAGCATCCAG  GCAGGCATGG  TGCAGGAGGA  ACTGAGAGTT  CTACATCTTC
426401   ATCTGAAAGC  TGCTAGCAAA  ATACTGTCTT  CTAGGCAACT  AGGATGAGGG
426451   TATTAAAGCC  CACATACACA  CGGTGACACA  CCTACTCCAA  CAAGGCCACA
426501   CCTTCTAATA  CTGCCACTCC  CTGGGTCAAG  CATATACAAA  CATCACAGTC
426551   CTTAAACCTA  TATTATGACA  GTCCTTGCCG  TATTAGGTTT  GACTCTTGGT
426601   TTTCTTCTCT  GTCTCCCTCT  GATACAGTCC  TAAGTCATGT  CCTCTAATCT
426651   CTCTTAGTGT  CAACTAAAGT  GGGAAAGATG  GAGGCATAAA  ACCATCCACC
426701   AAGAACTGGC  TCTCCTGTGT  GGTTCCTCTT  TCGGTGGGTC  ACATTCTACA
426751   AAACTTAATC  CTGTCTGTCT  AAATCAGTTA  ACCTCACCTT  AGTGTTGAAT
426801   CTGCTATTAA  CCTTTCTGCT  GGGGATTTCA  TTTCTATTTG  TTTTTCTCAC
426851   TGGTGTCTTT  CCTAAACCTT  TCTAATCTTT  TTAGATGGTG  TCACACTACT
426901   TTCTTGGGCT  TTCAATTTAT  TATTGCTACA  TTGTATATAA  GATAACACCA
426951   TCATCTGAGA  TTCTTAGAGA  AAAAAAGCAT  ACCACTTGTT  GCTTCTAGTA
427001   ACTTGCCTAT  ACATATTTGC  CACTTGAGAC  CTTGAGCCCA  GATTCATATA
427051   TGTGGGTGCT  CGGAAGGTTT  CATTCAAAGT  TCGTTCCTTC  AGAGAGAATT
427101   TTTCCTCCTC  TCACGGTCAC  CTTGGAATCA  CTTTATATGT  TCTCATTGCT
427151   TTGGAATTTC  AAGGGCTATG  TAAATATTGG  TTCAGGCCGC  CATACCCACA
427201   GGTGTACACT  CATTATTTTT  AAGGGAACAC  TTTATTCACT  CAGAACCTTG
427251   GCTGTGACAC  ACATTTCCAT  TATGAAGCAT  GTGTTTTTCT  AGCCCGTGTT
427301   TTCACTGTTT  AAGATTTTTG  TCTTTATATT  TAAATTCTTT  TATTAAAATT
427351   TTTTTTCATG  TCCTACTTGG  TTGTACCCTA  TGTCTCTGGG  CTATCTAGTC
427401   TCTGGTTTCA  TGGGCTATCC  AGGCAGTGTA  GGACATGGGG  CTCCCTCTCA
427451   TGGGATATTC  CTCAAGTTAA  ACCAACCATT  GGTTGGCCAT  TCCCACATGT
427501   TCTGCGTCAC  CACTGCCCCG  GCATGTCTTG  CAGGCAGGTC  AGATTGTGGG
427551   TAGAGGGTTT  TGTGGCTGGG  TTGATGCTCA  GATTTCTCTT  TCCATAGCCT
427601   GCAGAGTACC  ACCCACACCA  AAGAGACTAG  AATGTGGGGG  TGAAGGCTCC
427651   AAGCCTGTAC  TGCATTAGGT  TGCTACATTG  CCCCCCAGGT  GTCCCCCTAT
427701   TCCAGTTCTC  TCTCTCTCTG  TACTCCACTC  CCTCCCTCCA  TCCCTTTCCT
427751   CCACCTGACC  TCTCCTGCTC  CCATCCCCAA  CCACCCCCAG  TCTACCTAGA
427801   GAATCTCTTC  TATATCCCCT  TCCCAGGGAG  ATCCATACTT  CTCTGCTAGA
427851   GCCGCCTCCT  TAGCTAACCT  CTCAGGGTCT  GTGGATCGTA  GCGCAATTAT
427901   CATCATTTAC  TTAACAGCTA  ATATCCATGT  ATAGGTGAAT  CCATACCATA
427951   TTTGTCTTTC  TGGGTTTGGG  TTACCTCATT  CAGCATGCCT  TTTATCTAGT
428001   TGAATCCATT  TGCCTGTAAT  TTCATGATGT  CATTAAAAAA  AAAAGCCCAC
428051   TTAGTTACTC  CATTGTGTAA  ATGAATTACA  TTTTCTTTAT  TTATTCTTCA
428101   GTTGAAGGGC  ACCTAGGGCA  TTTCCAGTTT  CTAGCTATTA  TGAATAAAGC
428151   CATAATGAGC  ATAGTTGAAC  AAGAGTCCTT  ATGGTAAGAT  GGAGCATCCT
428201   TTGGGTATAT  ACGCAAGAGT  GCTATAGTTA  TGTCTTGAGG  TAGATCGACT
428251   CTCAGTTTTC  TGAGGAAACG  CCATATTGAT  TTCCATAGTG  GCTGTACAAG
428301   TTTCCACTCA  CATGAGTCCC  CCTTGCTCCA  CATCCTTGAC  AGCATGCGCT
428351   GTCACTTGTG  TTATTGATCT  TAGCCATTCT  GACAGGTAGA  AGATGGAATC
428401   TCAGGGTTGT  TTTGCTTTGC  ATTTCCCTGA  TGGCTAAGAA  TGTTGAATGT
428451   TTCTTTAACT  GTTTCTCAAC  CATTTGAGAT  TTCTCTATTG  AAAATTCTCT
428501   GTACCCATT   TTAACTGGAT  TATTTAGTTT  TTAAATATCT  AGTTTCTTGA
428551   GTTCTTTCTT  TATTTTAGAT  ATTAGATTTC  TATCAGATGT  GGAGTTGGTA
428601   AACATCTTTT  TCCCATTTCA  TAGGCTTCCT  CTTTGTCCTG  TTGACGGTGT
428651   CCTTTGCCTT  ACAGAAAAAT  TTCAGTTTCA  CAAGTCTCA   TTTATTGATG
428701   GTTGGTGATA  CCATATGCAC  TCACTATTGG  TGTTCTGTTT  AGAAGGTTGT
428751   CTCCCATGCC  AACGCATTCA  AGGTTATTCC  TAACTTTCTC  TTCTATCGGA
428801   TTCAGTGTTT  GTAGTTTTAT  GTTGAGGTCT  TTGATCCACT  TGAACTTAAG
428851   CTTTGGGTGA  TAAATACGGA  TTTATTTCCA  TTCTTCTACA  TGCTGACCCA
428901   TCCAGTTAGA  TCAGCATCAT  TTAATGAAGA  TGTTTTCTTT  TTTATCATTG
428951   TGTATTTGTG  TGTATCTATA  GGTGTGTGAG  ATTATGTCTG  GGTCTTCAAT
429001   TCGATCCCAT  GGATCGACCT  GCCCATTTTT  ATACCAACAC  CATGCAACTG
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146

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429051   TTACCACTAT  TGCTCTGAAG  TGCAGCTTGA  CATCATGATG  GTGAGTCCTC
429101   CGGCAGTTCT  TTTATTGCTC  AGCATTGTTC  TGGCTGTCCT  GGGTTTCTTG
429151   TTTTCTATAC  ACAGTTGATA  CTTGTTCTTT  CAAAGTCTGT  AAGGAGTTGT
429201   GTTGAATTTT  GGTGGGAATT  GAACTCGTGT  CCTCACGCTT  GCACAGATGG
429251   TCTGCCTTGC  CTGTTAAGCC  AGTGGTTCTC  AAACCTGTGG  GTCACAACCC
429301   TTTTGGGGGC  TGTAGAACGA  TCCTTTCACA  GGATCACCTA  AGACCCTCAA
429351   AAACACACAT  ATTTACATTA  CAGTTATAAA  GTAGCAATGA  AAATAATTTT
429401   ATGGTTTACA  ACATGGGGAA  CTGTATTAAA  GGGTGGCAGC  ATTAGAAAGG
429451   TTGAGACCCA  TTGTGCTAAG  CCATCTCCCT  AGCCTGAGAA  TATGTTTATT
429501   ATATTTTATT  TAATGTTTCT  AAGTGTGTTC  TATTGGGAAG  GCTTTCAAAT
429551   TGCTACTGCA  TAGCAGGTAA  TGGAGAATAA  TAATGCTATT  GGGAAGTACA
429601   GGAGGTTTTA  CTGTTGTTTA  AAAGGTTTAT  AATCTCTTAC  CGCATTTATT
429651   TGGAAATACA  TTTAGGAAGA  CAGCAAAATC  TTTAGGGGCT  GGAGAAAAAG
429701   CTCAGCAGTT  AAGAGCAAAT  CCTGCTCTTA  CAGAGGATTT  GGTCCCCAGC
429751   ACCTACATTG  GGTCCCCGCC  CCCAACTGCC  TGCCATTCTA  GATCTGGGGG
429801   ATCCACCACC  CTTTTTTAGC  CTTTAAGGAC  AACTTCACTT  ACATGTCCAT
429851   ATCCCTACAT  AGACACACAC  ACGTAAACAT  ATAATTTGAA  GTAAAAATAA
429901   ATTTTAAAAA  ATAAGTAAAA  TTTCTTTAAA  TGTTCAATTC  TGCTCAGTCC
429951   CAGATACTGC  ACAGTTATGA  TAGATGTCAT  TGTTCTTGTT  CATCCAAGTT
430001   TTTGTGGTGG  AAACTCTGAA  CTATGTGAAT  ACAAAACTCA  ACAGAACAGG
430051   AAAAAAAATG  TGGTGAAACA  AGAACTGGAG  CAAGCAAACC  ACCCAAGACA
430101   ATGATTCTCA  ACCTGTGGGT  TGGGACACCT  TTGGGGAGGA  TCACATGTCA
430151   AATATCCTGC  ATCTGAGATA  TTTACATTAC  AATTCACAAC  AGTAGCAAAA
430201   ATGCAGTTAT  GAAGTAGCTA  TGGAACTAAT  TTTATGGTTG  GGGGTCACTG
430251   CCACACGAGG  AACCGAATCA  AAGGCTCACA  GCATTAGGAA  GGTTGCGAAC
430301   CATTGACCTA  AGGGGGGCTA  CATCTTTTGA  GAAAGTGGAG  GGGATTCTTT
430351   CAAACATCCC  TCAGACCAGG  AGATACTAAT  TTCCCAACTG  TGGTTGGTAG
430401   AGGGATCCCA  TTGACTTTAG  ATGTCTACCA  GGTAGACATG  TAGTCAGTAG
430451   AGTCTTTCAA  AGAACGGTTG  CCTGGCTTGT  AGTCTGAGAA  CCACATACAA
430501   AGCTTATTTG  GGAGAATGGA  GTTGGAATTT  TTCCCTTAGG  TTTTGATAGA
430551   GTTGTGTGAG  GTGGAGTCTG  GAAATCTGTG  TTTTTAACAA  GCATCCCTGG
430601   TGACTCTTAA  GTACACTGAA  GTGGAGAAGC  TCTAGAGTGT  ATTTTTATTT
430651   GAACGGAGTC  TGTTGCTATA  ATTCCAGGAG  CCCCGCTGAT  TTGCACAGTT
430701   GGAATAAAAA  GAGTCAAACA  AAGATCTGTT  TCTGCGCTTG  ACATGAAAGT
430751   CTCCAGGATT  CTGTTACGTT  AAACCCTCAG  ATTTGAGCCA  TGTCAGAAAG
430801   ACAATTAAGA  CAGACAGACT  GGTCATTAGT  TCAGCAGTTT  GCCCATAAAT
430851   ACATGCCTAT  CTAACCCCCT  CCCCCACCCA  CTATCACATC  TAGGTGCAGA
430901   AGTGCCCAAC  AAGGATTATA  AAAGGGAAAC  ACTCTAGAAT  CAGAGCAAAG
430951   TTGAAACTTC  AGAGCATGTC  TTCCTTGGGA  AAACCTTTCC  CACTGCAGTT
431001   TAGGAAAAGA  TGTGTAGCTA  GTAACATTAG  ATACATTGTG  TCTAAAGCCA
431051   CGTGGTACTG  TCGGACACCA  CATCTTTCAT  GTAGCCATTA  CTTACTTATG
431101   TCCATTTCCT  TTCATTTTGT  GGGTTTGGTT  ATGGTCCCTA  AATTATCAAA
431151   TCCAGTCCAA  GGTAGAAGAA  TACCTTCAGG  GGCTGGGGGC  ATGGCTCAAT
431201   AATGGTGAAC  TTCCTAAATG  TGAAGAAGGG  AGGGAAGGAG  GGAGGAGAAA
431251   AGGAGGGAGG  GAGGGTACCT  TAGGAAATTT  TATACAGAGA  GTATAACTAC
431301   AATTCTGCTG  CTCCGGGCAG  GTACACGTCA  CATCTATTCA  AATGTTGGTT
431351   AAACAAGGAT  CACTGAAGTG  TTAACAGAAA  AAGAAATACT  ACCTAATGTG
431401   GTAGGTGTGT  GTGTGTGTGA  GTGGTGTGTA  TGTGGTGTGT  GTGTAGTATG
431451   TGTGTGGTGT  GTGTGTGTGT  GCGCGTGTGT  GAGTGGTGTA  TGTGTGTGTG
431501   TTGGGATGAT  GCGTGGTTTA  TGGGACTAAT  AAAATAAGTT  AAGATTAGTA
431551   GAGGATTAGG  CTTGGGGGAG  GAGATCATCA  CAAGTGCAGA  GGACCTGGTC
431601   CTTTAAGGAG  TGTTGTTAAG  ATAGAATGCT  TAAAAGAATG  CCATTCATTG
431651   GGAATGTCTT  TTTTTTTTTT  TGGAGAGGGA  GATGGCACAT  GGAGGCATTT
431701   CAAATGAAGA  ACTTTGTTGT  CATTGTTTCT  TTGAAGCATC  ATTTTTGGTT
431751   TGCAAATTAC  ATGCCATTTT  TTTACAGACA  ACTAAAGAAA  CGTGATCCAA
431801   CTGTATTCCT  CTGCTGTCCC  CTGTTTGAGC  GTTTCCATAT  GGCTAACATC
431851   AGCCCGGAGA  TTTCTTTAGA  AACAATTAAA  GATCTTGCCA  GATAGATGGG
431901   AAGAAACCAC  GTGAGCATGC  TCCCTGCTTG  CTAGTGACAT  TTTGTGGCCT
431951   CCCGACCTCT  CTGACAAATT  GCTCCGCCTG  CTGAAGCAAG  ACCTCTCAAA
432001   GGCTGGGAAA  TGACAGCCCT  TGTCTGAGGC  ATCTCTTCCC  ACAATCCAAA
432051   TTGGGCCTTA  AGGAAACAGT  AACACAAAGT  AGCCTGCTCT  GTTTCTATGG
432101   CACCCAAGTG  ACAGCAGTAG  GAAGTGAGAA  CAGCTGGCGC  TGCCTACCAC
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147

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432151   TCAAGGTAAA  AGAGTTGCCA  GTCAATTAAT  AGAATATGGT  CCCACTTAGG
432201   AGACCATGCT  AATCAAGGAA  AGTTACGCTC  TCTGCAGGTA  GCATTCACTT
432251   GAAATGTATC  ATGGCTTATA  GTCTCAAAGA  CTCATTTCTC  ACTGGGACTG
432301   TCATTTGTGG  GTAGGAGTAA  GCCTAACTGG  ATGCTTCCAT  TCCAGCTCTG
432351   GGGAAAGGAA  CAGTGGAGAT  CCCAGTTAGG  ACTGGGGATT  CCTGGAGCCC
432401   TGAGGCCAAC  TTCCAGGCAT  AGGACCAGAC  TCGGGGATAT  GTGCTCATAA
432451   GCACAGGTGC  CTGCAGAGGC  CAAGTGTACT  GTACAGAAGG  TGGTCTCCTG
432501   AGTGAACTCT  CAGCTGGAGA  CTGGCTAGGA  CAGAGGGCAT  ATTAGTGAGG
432551   GATAGGGAGG  CAAAGGGCCA  GGCATGGCTG  TCTCCATCAG  ACCAAGCCTA
432601   GTGATGAGAA  GTCATTGACT  AGTGGAAATG  TGGCATGCCC  TACTGAACAA
432651   ATAAGAAGTT  TGGAGTATAG  GGTTTACCAC  TTCATCAAAG  TTTTCTTATA
432701   AACTCTTTCT  GTCTGACAAC  TGCCCCTTGC  GCGCACACAC  ACACACTCAC
432751   ACATGCTCAT  CCATCTATTT  GGAGAGGAAT  CAATTGAGAT  GTCAAGTATT
432801   GGATAGGAAT  AGGATTTTTT  GTGAACGGGG  GAATGATAGA  AAAATCCAAG
432851   TAAGGAATCA  CTCTCCCCCG  GGTGGTTTTA  TTTGAGGTTA  TGTGTATATA
432901   TGTACGTGTG  TGTGTTGGGG  GTGGGGTGGG  GCATGTGCAC  ATAAGCACAG
432951   ATGCTTGCAG  AGGTCAGAAG  AGAACATTGT  GTCTAGACAG  TGTCTTCTTG
433001   CCACCCCACC  CCACCCCACC  CCCAGAGGGC  AAGGACAGAG  ATGACGGGAC
433051   CTGCTGATTC  TTGCAAGTCC  TCAGTCCACA  TCTGTCCACT  CTGTTGCCTG
433101   AGAATGAAAA  TCAGCTTCTA  ATTTAGTACT  CTTTGGGTAT  CACTGCTTTC
433151   TAATTTTCTC  CTCTGTCAGG  ATATTACCAT  CAGGCAAAGA  TTTATATAGC
433201   AATTTTCATC  TGAGGGAGAT  CTCTCTCTCT  CTCTCTCTCT  CTCTCTCTCT
433251   CTCTCTCTAG  CAGAATGAAT  ATCTCAAATC  ACCACTCACT  ATCATAACAG
433301   CCCTTCAGAC  AGGTCAGATG  CACTTACTGC  GTTGACTTAC  TCTGAGTATC
433351   AAATCCCAGA  GGCCTCTGAA  GCCTCTGCCC  TAGAGAAGAC  CAAGGATCTG
433401   GTGGTCCAAG  AAAACTAGGA  CAGCCTTACT  TTTAAATTAA  AAATGTAGAG
433451   ATCCCAAATG  AATGGTTCCC  TTGGGGAATA  TAGAACAAGA  GTTTGTCTTA
433501   GCTTCCTTGT  TCTGCTGTTT  AAGTCATTCC  AAAGTGAGCA  TTGACACCCA
433551   ACCATCCCAG  CCAGGCTGCA  CTTTGAATAG  CATCACAAGC  CCCGAGTCCC
433601   TGGTGAACCT  CTCTGTCTCT  GTCTCTATCT  CCATCTCTGT  CTCTGTCTCT
433651   TTGTCTGTGT  ATATGTGTTT  GTAGTGTGTA  TGATACATGT  GAGTTCATGT
433701   ATGCGCAGGG  GGTATGTGCA  GGGCATGGTT  GTTAGAGGCC  CATGTTAGTT
433751   GCCCTCAATA  GATTTCCACC  TTATTTTTTT  CATACAGAGA  CTCTTATTGA
433801   ACCTAGAGCT  CACTGATTCC  ACTTGTCTAG  CTGGCCAAAG  AACATCAAGA
433851   ATCCCTTGAT  CTCCACCCCT  GCAGGGAAAC  CTCTAGTTTC  TTTGGAAAGT
433901   TAGTTATGTC  AAATGATGTT  TTTCTGGGGC  ACACAGGTGA  AAGGATGTCT
433951   TGCTAAAGCA  GACACATGAA  AGAATGTTTT  GCTGAAATAG  ACACGGGGAA
434001   AGGGTGTTTG  GCTATAGCAA  ACACATGAAA  GGATACTTGA  TGAAGGAGCA
434051   TAAATATGAT  CCCACAGACA  GTGGGAGACA  AGCACTGAGC  TTTGTTATGG
434101   TTGTTCCACC  TCTCTATTCT  TCCCTAACAA  TGCGCATACA  TTGGATCACC
434151   TTATGTAGCG  TTGTTGAGCT  CAACTTGTGA  TAACACAGCC  ATTGAGAGAA
434201   ACTTGCCTAA  GAACTGCTTG  TGAGGTTCCT  GTGGCAGCTT  GCGTCTTCCC
434251   TGGCCTAGCC  TCAGGCCAGT  TGGCAAGTCT  AGCCATTTCT  TCAGGTTTGA
434301   ATTACAGCTG  CTGGTTTGTG  CCTGGTGTTT  GCCCACCTAG  AGGACTGTCC
434351   TGCAGCTGCT  GGTTCATGTG  TGGTGTCTGC  CTGCCTAGAG  GACTGGCCTG
434401   CAGCTGCTAA  GTCATATTTG  GTGTTTGCTA  AAGGACTGGA  CTCCTGAAAA
434451   AGATGGAGCT  TACCCCCAAT  GAACTATTGC  TAACAGGTCC  ACTGCCCCCA
434501   CATCCTAATA  ACTTTTCTCT  TCACTACCTC  TGCTGGGTGG  TGGGCTAGAG
434551   GAGAGGTTGG  ACCCTTATTA  AAAGTAGGTT  GCAAAAAAC   CAATATGCCT
434601   ACAACCCCTT  CGATATGTGC  CACCTTGCCC  AGATTTTTAT  GTGACAGGTG
434651   GGGATCTGAA  CCCAGGTTCT  CATGTTTGAA  TGACAATCAC  TTTTACCAAC
434701   AGAGCCATCT  TCTTAGCATC  CCTCACCAGC  CCTGATTTTA  TCAGTGAGTT
434751   CATGTTTTGT  TTTGTTTTGT  TTTGTTTTTT  TTGGTTGTTG  CTACAACAAA
434801   CAGTTCTCAA  AATCTTGGTG  TGTTATGGCA  TCACAGGCTT  ATTCCTAGCT
434851   GAGGTCACAC  TTTGGCATGC  TTGAGCAATG  TCCTCTGCTC  CATAGAAGCC
434901   CCACTTGAGT  ATGTAGGCTG  ATATTTCAGC  CTGACAGCAA  CAGCAAGGGA
434951   TGGAAAGGTT  GCAAAGATAC  TGCTCCCAAG  TCACCACCTC  CCACTGAAAA
435001   ACAGACAGAT  AGATAGACAG  ACAGACAGAC  AGACACACAC  ACACACACAC
435051   ACACACACAC  ACACCCTTCT  CCTCACCTTT  CATTGACTAG  AGCATGCCAT
435101   GGTTACACTT  AACTTCCCCA  AACTCAAAGT  GACGGTGGTA  ATATTTACCA
435151   CACCCACTAT  GGCACCCAAG  CTTGGAATGC  CCTCCACTTT  GGTTCTGATT
435201   TATTAGACTG  GCTGTCAGCT  TTTAGAACAC  GATGTAATCA  TATTTCGCTT
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148

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435251  GGTCTCTTCT  AACTCGGCAG  CATCGCTGAT  ATCATCTGAG  ATCTGTGGGT
435301  TGGAGCTAAG  CTCTTCACTG  GGACAATTTT  TTCCTCCTCC  CAGCTCTGGC
435351  TTCCTGTAAA  ACAGTGCCTT  TGGTGTTGTC  AAAAGTGCGC  CTGTTTTTCC
435401  TCCTGTGTTT  TCTGCCTTTC  CCAGCCCCCC  ACCTGGGTCT  AATTGTGAGG
435451  AGCATCTGCA  TGTTTTAAAG  GCTCATTATG  TAAATGTATC  AGAGTCCATA
435501  TCCATCAACA  GATAATTAAG  AAGACTATAT  ACATATTTAT  GAGATAGCTT
435551  AATATTGCTT  TAATGAGGAG  GTTTACTGGA  AATATCAAAT  CAAGGAGGCA
435601  AAAAGGAAAA  AAATGATCAG  AACAAAAAAA  AGCGTGCAGG  CTTTCATCAG
435651  TCCTTGGTAG  TTCTGAACTG  TCAGAACACT  CAAAGGCTTG  TCAGAACTCA
435701  GATTTCTGAT  TAGCCTACCA  TACATGGTAA  GAAGCCAGCC  GCTAGGAAGA
435751  TGGGAGAGAA  ACTCGCTCCA  GACTTCTTTG  AAAGCAAAGC  TTTCTTGTTT
435801  CAAACCAGAG  ACTTCTCAAG  GAGCCAGCCT  CCTGTTCCCA  CACCTGGGAA
435851  AGCGTTCACC  ACAGGGAGTG  GCTACAAGTC  CCCTAGGGCA  GTCTCTAGCT
435901  GAAGCCAGAG  AGAGGGGAAG  ATGTGGCTAT  TTCTCAAGCA  GGCAAAGCCC
435951  AGCAGGCACC  GGCCTTAGGA  GTAAGAAGAG  GTATGGTCCG  GACTCCTGGA
436001  TGCCTCTTGT  CCTGCAGCCA  GGACACAGAC  AGGTGCTACT  AGCATGAATA
436051  AAAGCCCAGC  TTCCCTCACT  TTGTGGGCCA  GGCATCTCTG  TGCAGCACAC
436101  AGTGTGCACC  TAGCCATGTC  TAGAAGCCCC  TTGTGTTCTC  ACCAGGAGCT
436151  AGCCTAAGTC  TGCAGGAACA  GTGCTATACC  CGCATGTTAT  CCAGCAACCT
436201  GTCCCTTCCA  TTTGCCTAGG  TATCTGCTCA  ACCCCTCACT  GGGCACCTCT
436251  GCACCCGCCA  TTCTATAGGC  CAGTCTTTGG  TCACCATGTG  TCACCAAAAT
436301  ACAAAGAAAA  CTGGAAAGCA  CAGGCTTGCT  AGGTGGTCAG  GAACAAAAAG
436351  AAGCTAGAAT  TGTTCATCAC  ATAGCCTTGT  CTCTGGAATA  GTCTGCCTAT
436401  CTGGCCAACA  AATACCCATG  TCACTCTTTA  TCCTCAAATC  TTCATGTCAA
436451  CTGAGAAATT  CCAAAGACCC  TCTGGGTAAT  TTAAATAGCT  CAGAGCCAAG
436501  GACTTCCGTG  GGTTGGCCAG  AACTCACCAC  TGAATTTAGA  CTAGCTTCCT
436551  CTTGTTTAGA  GACCTGTGAA  CTAGAAAAAA  CAGAATATCG  ATTATCCCTT
436601  GTGATGGTTT  ATATATGCTT  GGCCCAGGGC  GTGGCACTAT  TAGGAGGTGT
436651  GGCCTTTTTG  GAGTAGAAGT  GGCCTGTTGG  AATGGGTGTG  GCCTGTTGGA
436701  GTAGGTGTGG  CCTTGATGAA  GTGGGTGTGG  CCTGTTGGAG  TAGGTGTATC
436751  ACTGTAGCTG  TGGACTTAAG  ACCTTCATCC  TAGCTGCCTG  GATGTCAGTC
436801  TTCCACTAGC  AGCCTTCAGA  TGAAGATGTT  GAACTTTCAG  CTCTGCCTGC
436851  ACCATGCCTG  CCTGGATGCT  GCTATACTCC  CACCTTGATG  ATAATGGACT
436901  AAACCTATAA  GCCAGCCCCA  ACTAAATATT  GTTATTATCA  AAGTTGTCTT
436951  GGCCATGGTG  TCTGCTCACA  GCAGTAAAAC  CCCAACTAAG  ACATCACCCA
437001  TCATGATCTA  TACACACTGC  TAAAGGGAAG  TGCCTAGCCC  AAACGAAAGC
437051  TGCCATTCAA  ACACGTGAGA  CATAGAAGAA  GCAACCCTGT  CTATAGCAGT
437101  TCTGAAATGC  TGGCGGCAGG  GGAATTCCT  TGATTTGATC  CAGTACATGC
437151  CCCTGGGACC  CTGCTCTGCC  TGCCAATCTT  TGTGTGTCTA  AACTAGGATG
437201  CAGCGATGAT  ACCTTTGGGG  GAGTGCCACG  GCTTTGGGAC  CCTTGTCTTC
437251  TTCCTAGAGC  AGACTTACAA  AGCTAAGGTG  GTTTTAAAAT  AGCAACCACC
437301  AACTGGTTCC  ATGTGCTCCA  TTTTCATTTA  AGTTCATGCT  TATGGTTTCT
437351  TTGACTTGAA  CAATTCCCTA  GCATAGAGCT  GGTACTTTGT  CAGGACTCAC
437401  TCTCTCTGTG  TGTCTCTGTC  TTTCTCTTTC  CTCTCTCTCT  CTCTCTCTCT
437451  CTCTCTCTCT  CTCTCTCCCC  CCTCCTTGTC  CCCCTTCACG  TATCTCCATA
437501  ACCCATGCCC  CAGAATTCAT  CCACACGGTC  CATTTAACTG  CACCAAAGTC
437551  TGGAAAATAC  CATCTCCTTT  ATGTGCTCAC  AAAGGGAAAG  AAACGGGGTT
437601  CAAATAACTG  CCATCATTTC  TCCCCTGCCC  ACAAACTGCC  ATGCCTGGGA
437651  CCATGCAACC  CACTAAAAAG  AGATCTTTGG  AGTGAGGTAA  AACCTTTCTA
437701  AAACAAAAAG  TGGGTATTGT  TTCCAGAAGA  AAAGAAGATC  TGAAGTCGAC
437751  AAAACAGAAT  ATTCTAACTA  AGATAGAGGG  CTTCAGTTGC  TTCCACAATA
437801  AAAGGGAATT  AATACCAGAA  TTTCCTTCTT  AAATTGTCAC  AAACTTCTAT
437851  CAGACAATGC  TGGCCAAGTA  CTTTGCACAA  TATCATGTAA  GAGGAACTAC
437901  TAGAATATCA  CAGAATGGTC  AAGACATGTG  AGGCTGAGTC  CATAAATTCA
437951  TCTAGGCAAT  AAATTCATTT  TACCATATTG  GAACCTAACA  GCATTAAGCC
438001  TGTTTCTCCT  GGTGACAGAA  ACTGAGTCTC  AATCCATTTT  TAGCTAACAT
438051  CTACAAGGAA  AATCCAGCTA  CAAGGAAAAT  AAGGGCAGAG  GGTGAGAAGT
438101  CTTCTGGCCT  TCTTTGTTAC  TCTCTGCCCA  TTGAGGTAGC  CTTGGCTACT
438151  ATTTGGGTCC  CTGGTTTGTG  TGGATGGTAT  CTTGTTCCCA  CCACTAACCA
438201  TCTATAGGCC  TGCAAATACC  ACATGCTATA  TCTGGATGAT  TCCAAAGTAC
438251  ATAGGAAACA  CCCCTCATAT  TGCCCAGATT  ATTCTGGAAT  GTTAGAATCC
438301  TCACTGAGGC  AGCCTTCGTT  CATTCTGTCT  CAACTTGTTC  CACTGATAGG
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149

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438351   CCTTTGGCTC   TCAGATCTCA   TTGGTCTAGG   GATCCAGGAT   CCTTCCCAGG
438401   CCCTGACAAT   GCAGCTCAGG   TGTGTTCTGT   CTTCTACCTG   GGTATTCCTT
438451   CACAAAAACC   AACCACACCC   TTCCCCTAGG   CTCTGTTGAA   GAAGAGAGTT
438501   CCCATAGCCT   CAAAGACTAT   GCTATCCAGA   CCTATAGACA   CTGGCCAAAT
438551   GTTGCTATTT   AAAGGCACAG   GAAGAGAAAG   TTGTATTTTC   ATTGAATTGT
438601   GCTGGGCATA   TTTCAAAGGC   TTCTTAGTCA   TGTGGACAGA   GGCTAGCACT
438651   CTAAAGGTAG   CTTGTATTGT   GGAACATTTC   TACTGCCCAG   AGAACTCTAT
438701   CAGATAGCAC   TGGTCTAAGG   CTGCTTCCTT   TCTAAGGAGC   ATGGGTCTGC
438751   ACCTCTTCCC   CTCAGAATCT   TTACTGACCT   GAGGAAGAAG   GCTTGCTTGC
438801   ACATGGTCTT   CCAACCTTAT   GTACATCCTG   CCTCATGTTT   CACACTTAGG
438851   TTTAGAAACT   CATAATCCAG   GGAGTGACTC   CCGTGTTTTC   TATGCTGTAC
438901   TGGTCAGTAG   ACACACTGAG   AGTGGTACGT   CTTTATTGTA   AGTAGAGGGA
438951   CTTGTTATTC   CTATTTGCTG   GGCCAAGAGG   ATTTGTGGGA   CATGGAAGCC
439001   ATGAGAGAAG   TCCCAGACAG   TCAAGTCCCC   CTAGCTACAG   AGAAGCACAG
439051   CTTGCCAATG   TCCACTGGGG   GAGGGGGCAG   ATATCTATTT   TTATTCTTTA
439101   AAACGTACCT   CACTTTTGCA   GCCATTTTTA   ATTTGACAAA   AGTCACTCAT
439151   TAACCTCCTA   AATTAGACTC   AGATAGTTGT   TCTTCTCTCT   CTAGAGCACT
439201   GTTTCTCAAC   TGTCCTAATG   CTTTAATACA   GCTCCACATG   TTGCGGTGAC
439251   CCCAACCATA   AAATCATTTC   ATTGTTACCT   CATAACTGTG   ATTTTGCTAC
439301   CATTATGTGT   CATAATGGAA   ATATCTGATA   TGCAGGATGT   CTGATATGCT
439351   ACGCAGAATA   TCTGATATGA   AACTCCCAAA   GAGGTTGAAA   CCCATAGGTT
439401   GAGAACCACT   AGTCTAGACA   TTTCCCTGGC   TCTCACTTGC   CCACACCCTT
439451   CTTCTCTAGC   CCCATGAGTT   CCAGAAATTT   TGGTTGGTTC   TGCCTGATGT
439501   TAATAGTGTG   GTATTCACAT   CATGTTCCTG   TCTCACCCTC   ACCAGGGGAA
439551   CAGTTAGAAT   GTCAGACATT   TCACCCTTCT   CTTGGGGAAA   AAATGATTAA
439601   TCCTGAGGTC   AGCTAACAAG   CCTGATGTCC   CCTTTGCTGG   ACACACACAG
439651   TCAGGGCTCA   CTCCACAGGA   CCCCTGTGAA   CATTAACTTC   AGCCCTTTGG
439701   TGTGTTGTTT   ATTTTGCCCC   ATTTCCAACT   GACATAGCAC   CAGGTTCAAA
439751   GAGAAAAGTG   ACTGGAGAGA   AAGAGCTGTC   ACCCCCCCCC   CGTGAATGCC
439801   CCCCCTCACC   CCATTCCCCA   CTCCATCCTC   TCCCTGACAC   CTCCCTGTCC
439851   TGGATGATTA   AGTGTGTGAG   CCACCTAAAA   ATATCTGTAT   AGAAGCAGAG
439901   ATGAGAGAGA   GAAAATGAAC   TGTTCGTGAG   GAAGACAAAT   GGTATACTTC
439951   CACCCCAGGC   AGTCCCTTGG   AAGGTCCTTG   GCTAATAACC   ACCACCCATG
440001   AACATGGTTT   CTGCTGTTCT   GTTCCTGCGA   TAGACACCCC   TCCACTAACA
440051   GGCTATTGCA   AGTATAGCCT   CCTCCAGGAA   GCCACTCACA   ATTCGCATTG
440101   CTCAAACCTT   TGTCACAGCT   GCCAACCTCA   TGGAAGATTC   AAAATACAAA
440151   GTTGTTTTAT   GTATTCCCGA   GCAGATTTGA   ATCAAACTCT   TTGGATGAAA
440201   GAGCTAAATG   TATTGGCAAT   TCTAGGGTCT   GAGTCTATGG   CCTTGCGAAT
440251   GCTAGGTAAG   CATTCTACCA   TCAGTGACCA   TAAATGAGCT   ACATCCCTGG
440301   CACTTGTTAT   TCTGAAGCAG   AAACTCTCCA   TATTGCCCTG   CCTAGCCTTG
440351   GTCTCTTCCT   GTAGTCTGGG   AATACCTAGA   ACTTGTTATC   CTTGTGTTCA
440401   TTGCATAAGC   AGAAGGGTGC   AACATGTGGT   CCTGCCTGAC   TTCTGTCACT
440451   TAGAGGATTT   GTCAAGATTC   ATCTACATTG   TACTCTCATG   GACCTGTTTT
440501   CCATTTCCTT   TTCTGTCCAA   ATAATGTCCC   ATTGTATGTA   CATGCCAACT
440551   TCTACTTTCC   CAGTCATTAG   TTGCTATACA   TTTGGGCTGT   GCCTGCTGTC
440601   GGCTATCATG   AATAACGCTG   CTATGAATAT   TCATGCACAA   ACTTTGTGTG
440651   CACATATGCT   TGGCTATATG   CCCAGGCGTA   TAATTGCTGG   CTCATACAGC
440701   ATCTCTAAGT   TTTTTGAAGA   GCAACTAGAC   TTTTGCACAG   TGGTTTTATC
440751   ATTTTACATT   CCCAGCAGCA   GTGTGGAAGG   GTTTTGGATT   CTTATCCAAT
440801   GGTTGTTATT   GCCGGCCTTT   TATTAAAACC   ATCCTATCAG   CTGTACAGGA
440851   GTATCTTCTT   GGTGCTTTGA   TTTGTAAGTC   TTTGGTGGCT   AGTGACAGAC
440901   TTTCTTATGC   TCCTTGGAGT   TTCAGATTCT   TTTCTATAAT   GTCCATGAGA
440951   CAGTGATAAA   GGTACCTGTC   TCCTGGTCCC   TGCTCAATGG   TCATCTCCCA
441001   GTAGGTCTGG   TGCAAACCAT   ATCCTCTTAG   TGATTTCCCA   GTGCCAACTC
441051   TATTTATGTC   ACTCACCATA   AATCAAATAA   TGAGTTGCCA   AACCTCCTAG
441101   CTAGTTCTAG   TCTGGATGGA   GAAACAACAG   TGGGAGCCAG   CAACGTGACT
441151   GACAGGCCCT   GCATCTCATG   TCACTGAGAC   GTGGAAATCA   GCTAAACCCA
441201   AATACTCCAT   TCAAGCCAAA   GCTACCATTC   AAAACCAGGC   TTAATGCTCT
441251   TGACATCAGG   TCACTGGAGA   AGAGCTAGCG   ACTGGTGAAC   TAGTATTAGA
441301   CCTACAAGTT   ACACAGATTA   ATTCACTGAA   CCATCCCAGC   TCTCTGAGAC
441351   AGGGATGGTT   GTGTCTTACC   ATTTTGCAGA   TAAAGGAACT   GAAGCGAAGA
441401   AAAGGTTAAT   AATTATATCT   AGAGCTAGTC   AACAGAAAGA   AGTGCTGCCC
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150

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441451  ACATCGAATT  GAGGTTGCCC  AGTGCCAGGC  TGGACGATAA  TGAACATGGG
441501  GTGAGTAAAT  GAATAAAATT  TTAAAATCCC  ACAGGGGAAG  CCAACGTCTA
441551  CAGAAAGCCA  ACTTTCTAGA  AGACCAGAAC  AAGGAGTCTT  ATGGGGAGGA
441601  GGCTGTCTCT  CTGAAGGGCA  TCTTGACCCC  TGACAAAACT  TACAACTTCT
441651  GATATGGGTC  TTGGAAAATT  CAATGGCTTG  GGGTTTTATT  TCGTTTCATT
441701  CTTTTATAGA  TTCATCCTGG  GAGGTGGTAG  CACACGCCTT  TAATTCCAGC
441751  ACTCAAGAGG  CAGAGGCAGG  TGGATTTCTA  TGAGTTTGAA  GACACCCTCG
441801  TCTAGAGAGG  AGGGGAGGAG  GGAGAGAAAG  AGTGGAAGAC  AGAGAGGGAG
441851  AGGGAGAGAG  AGTTCAGGAC  AGCTAGGACG  ACACAGAGAA  ACCCTGTCTT
441901  AAAAATGCTT  TTAAAGTAAG  ATTCATTTAT  TTTTATTTTA  TGTGTAGGAG
441951  TGTTTTACCT  GTGTGCACAT  ATACATGTGC  TGTATGCATT  CCTGGTGCCC
442001  ATAAATGTTA  GAAGAGGACA  CTGAATCCCC  TGGACTGGAG  TTACAGGTGA
442051  TTGTGAGTCA  CCGTGTGGGT  GCTGAGAACC  AAACCTAGAT  CCTCTGCAAG
442101  AGCAGGAAGT  GCTCTTAGCC  ACTGAGTGGT  CTCTCCAGTC  CTAGGCTTGG
442151  GTTTTGTTTT  GTTTTTTGTT  TTTTTGTTTT  GTTTTGTTTT  TTGAACAGAC
442201  ACAAATCCTA  AGCATAAATA  TGGTCACTGG  AAATGGAAGC  AGATGCATTG
442251  TGCTGCAGGT  GTGGGTCATC  AAGTGTTCCT  CGGGCCTCGT  GGGGATGAAT
442301  TGGCAGTGAG  GTAGGAGGA  GAAAAAGGGT  CTTGATGGCT  CTGAACCAAG
442351  CTATTTATTA  TTTGAGATTT  AAGATTAATT  TAGGATTAAA  GCTGGTGCAG
442401  AGAAACCCTT  CGGTACACCC  TGCCAGTGCA  GTGCTGTGTA  CCCTCTGATT
442451  CTCTGTGAGT  TAGTCACAAA  GTAACACATT  TCTCTGAGAA  GGGCAGATGG
442501  CTTAGTGAGC  TAAAATGTGG  CTGGATGTCT  TGGCTGGGTA  GTTCTTGTAG
442551  TACCCTGAAC  AACTCGGTAT  GAGATCCCTG  AACCATCGCC  CTGAATTCCA
442601  ACGAGTCAGT  AATCTCCCTT  TAATGGCTAC  ACAGTCTGAG  GCTGGTGAAT
442651  AGAGGAATCT  TGGCAATCGA  GGAACAACTC  GCCATAAATC  TAAAAGTGGG
442701  TTGCCAAAAG  CTCCCTGCTC  GTTCTACTCC  AGATGAAGAA  ACAACCACAG
442751  GAGCCAGCAA  CAAATGACTC  GAGAGGACCT  TTGTCTGGCA  CCATGAGATG
442801  GAGAAGCCAG  CGGAAGCCAG  ACATACAGCT  CAAGCCAAAG  CCACCATTCA
442851  AAAACAGACT  CATTCATCTT  GACATCAGTG  TCTGATCCAG  AAAGCCAGGA
442901  TGCTTTGCAG  CCTCAAAATA  GCACAGAGCA  AGAAGGAGAC  GGGAACACTG
442951  CTGCTGGGGA  GCCCTGCTGC  TGGGGAGTAC  TGCCATTGGG  GACTACTGCC
443001  ACTGGGGAGT  ACTGCTACTG  AGGAGCACTG  CAGCTAGGGA  GCACTGCAGC
443051  TTGGGAGTAC  AAGCAGTCTG  ATCACTAGAC  CCAGGGCATC  CCCCGAACTA
443101  TATACTGCTT  CACAGGCAGA  TGACAAAGCC  ACCTGAGACA  CTGGAACTGT
443151  GGTCACAGAT  GGAGGAGCAG  TGTTGAGAGA  TAATAAAAGG  ATTGCCACCC
443201  ATGGGCAGAA  AGAAAGGAAA  CACATCGCAG  ACAGTCCATG  AGCATGGCAC
443251  AAGACTAACC  ACATTGGTAA  TTATTACTGG  TGTTCAGTGT  ACTGATAAGA
443301  CCACTAAGCT  TTTAGGTGTG  TACCAAGGCT  CTCCCTTACA  CCATCTCACT
443351  TTCATTATTA  AGCAACACGA  CAGTCCTTAG  AGACCGTGAA  TACTCGTGGG
443401  AGCATCTTGA  AGGGCTCTGA  GGAGAGAAAC  TTTGGGAAGG  ATTCTCTAAC
443451  TCTTACCCAG  TGGTAGAGCT  GAGTCTGGAG  CTCTGTAATC  TCCAAAGCCC
443501  AAAGCCCCAC  GCATGAAACC  AGACATAATA  CTCCCACGAG  GACGATTAGT
443551  CGGTAAAGAT  GAAGTGTGGA  GGGACTCTGG  ATCACCTATG  TGCCTCTGAG
443601  GTCACAATGG  GTTTTTGAAA  TCGTAAGTGT  ATATGCTCTT  GCCTATCTGT
443651  GCATCAATAC  ACGCGCACAC  ATGTATTCAA  GGGGCTATTA  AACAGCCTTT
443701  GTCTTCCTTG  TTACACTTAA  TATTCCCAAC  AACCTTGAAA  AAATGAATTA
443751  TGGAAGATTT  GTTCTAAAAA  CAGCTACAAG  AATATCTTTT  ATCTCTCTTG
443801  TCTTCATGGG  GAGAAATAAG  TTTGTGTGTA  TATGTGGGGG  GGGGGGCAGG
443851  GGTCAACCTC  AGGGTTATTC  CTCAGGCACT  GTGAGCCATT  TTTCTCTCAT
443901  TGGTCTGGAA  CTTGTCAAGT  AGGCTGGAAC  CCCAGGAAGC  TACCTGTCTC
443951  TGACTCCTCA  CAGGCTGTAG  GGATTATCAA  ATGAGCTATC  CCCTCAGCCC
444001  TCTCTTGCCT  TGATGTCTTC  AATTCTATCA  CTAAGATGTT  GGTTCTAAGG
444051  ATACATGCTT  TGCCTTTGGG  CTGTTTGTGA  CTTGCTTTTT  AGTAAAAAAA
444101  AAAAAATAGT  TGGTAGATTG  GTAAATAGGC  AGATAGGCAG  ATGATAGATA
444151  GGTAGGCAGG  TAGATAGATA  GATAGATACA  TAGATATATA  GATAGATGAC
444201  ATACAGATAA  TAGGTAGGTA  GATAGATAGA  TGACAAACAG  ACAAAGATAG
444251  GTAGATCTTT  GGAGAGATAG  ATTTAAGGAA  TTATCTCATG  TGACTATGGA
444301  TTTTAGAAAG  TCTAAAATCT  GCTGGTAGCT  AACCAACTGA  AGAGTCAGGG
444351  GAGCCTAGAT  TTGATTCAAA  AGTTCAATTC  CAAAGACATG  TACTGAAGAA
444401  TTATTTCTTG  ACCAAGGAAA  ATCCATTTTT  CATTATATTT  AATTCTTTAA
444451  CTGATTGGAC  AAAGTTCACC  ACCTTTCGTA  ATGGAAGGCA  GCTTACTCTG
444501  TTCAATGTTT  ACCAATTTAA  ATGTTAATTC  CATAAAAAAA  ACCACTTCAG
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151

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444551  AGTAACTTGT  GACCAATGAT  CTAGGCTCCA  TGGTGCAAGC  CAAGTTGACA
444601  ATAAAATTAA  CCATCACATT  GAACCCTGTT  AAAGGAAATT  TGAACCTGCT
444651  TCTAGTTAGG  GTGCAACTCC  GCCCTTAGCA  ACACAACTTT  AATTCCTCTG
444701  GCTGGAATAC  AGACATGCCC  TTAGTATCCA  CCTTGAATCC  CAAACAATGA
444751  AAGTAAAGTT  AGTTTGTAGA  AGGAAGCACC  ATATTTGAAA  GTGATGTTGA
444801  ATTTCGAGGC  AGACAAAGTG  ATGAATCAGA  GAAAGATTTG  ACAGAATAGG
444851  ATATACACAA  CTCTCACGAG  AAGAGAGAGG  AGAGGGAAGC  AGTTAAGGGA
444901  GAGACAGACA  GACAGTACAG  GAGAAGAGAT  ACAGTCCAGG  ATACAGTAGA
444951  GTTCATGGAG  ACAGTGCAGC  CGAGTTGAGA  GGGAGAGTGG  AACAGCACAG
445001  AGAGGCAGAA  GGAGACCGTT  TTACTATGAG  TTCTACAGAC  ACAGGTGAAG
445051  ACAGAATGAG  CCACAGAACA  AGGATCCAGA  AGATTAGGAC  AGATTGCTGG
445101  AGTTAGTCTG  AGGCTGAGCA  GAGCAGTTCA  GGGTCAAGAG  AAAAGCCAGA
445151  CTGGATCGGT  CAGCTGGGAG  AGGAGTTTGA  ACCTGAACAG  CTGAGTTGTT
445201  GAACCAGCAA  GCTAGGGTTC  AGAAAGAGCT  AGAAAGGGGT  GAGCTTATTA
445251  ACCAGCAAGT  CCCAGAGGCT  GAAAACATTC  TAGATCTAGA  CAGATTATAT
445301  GGAGGCGAAA  AGTTTCTGGG  ACTGGGCCTC  GGTTAGCAGA  CAGAGGCAAT
445351  AAACCTCCCA  GACATCAATC  ACAGCAGGAG  GATAAAAGTT  GCTTTTACAC
445401  CTAACCATCA  ACATACTGCA  CTGGAGTTCC  AGGATCATGA  AAAGTAGCAA
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445501  ACAACTGCTA  GTGGAGCTTA  CAGTTTTGTG  AGTTTAAAAC  ATAAGCAAAC
445551  ATATAGCTGT  TGCACATTAA  GAACAGGATC  AGTCCTCGGG  TGCCTTACTA
445601  AACACCAGAA  CCAAATCCCT  ATGGCACAGT  CAGACTGCCT  CCTTTTCTAC
445651  TCTGATTTGC  TGGCAGCAAT  ATCTGGACAC  ATCGCTGAGC  TGTTTTGTGC
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445751  CGCCCACTCT  GGTGCTGATG  AAGAGAAGGG  AGGAATAAAA  GTGCCATGGT
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445851  GCCCAAATGC  AAAATCACTT  TACCGTGCAA  TTCTGAAAAA  GAGACATCTG
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446001  CAACTCAAGT  CCACTTAGAA  ACACATCAGT  TTTGTTGTCT  CTCTCTCTCT
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446101  CTCTCTCTCC  TGCTCTCTAG  CTCTCTCTCT  CTCTCTCTCT  CCCTCTTTCT
446151  TGCTCTCTCT  CCTGCTCTCT  AGCTCTCTCT  CTCTCTCTCT  CTCTCTCTCT
446201  CTCTCTCTCT  CTCTCTCAAC  ATCTGCTATG  TCTATTTTTA  CTTTTGGCCA
446251  AAATAGAAAA  GGAAGCCTTT  TAAATACCCT  TCTAAATAGT  AGCTTTCCTC
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446351  CAGCTACGCC  ACAAGCTGCT  ACAGAACAGA  ATTGTGCAGG  AATTTTAGAC
446401  ATGACCTCAT  TAGGCTACAG  TTAGTCTACA  AGTAAGTAAG  ATCCCACCTG
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446501  CATCTAGAAA  CGTCTACTGC  CAGACCTAAG  CCCCATGTGA  ACACTGTGCT
446551  GGTCAATATT  GATTGTCAAC  TAGACAAGAT  CTAGCCAAGC  TCCTGGACAC
446601  ACCCATGAAG  GATTTTCTTG  ATTAGTTTAT  TTATAACAGG  AAGACTCACC
446651  CTAAACATGG  TGGGGTGCCT  TCCACCAGTG  GCCCAGAAAT  AAGGAAGTAT
446701  GGAGAGCAGA  TGTGCTTCTT  GCCTGCTTGC  TTTAGCTTCT  CACTGCTGAG
446751  TTCATCTACC  CCGTTCTCCC  ACTGCAGGTA  CCATCCTCCC  TGTCTGCTGT
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446851  TGATACTCAG  AGAGCTTCCG  TCTCCCGCAG  ACCAACAGTC  CCAGGGCTCA
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447001  CTGGTGATCA  GATATGACAG  GCAAGAATAA  CGAAGCATGG  AGAGAGCTGG
447051  AGAGGTAGCT  CAGTGGATAA  CATGCTTGTA  ACACAAGCAT  GAATGAGACC
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447201  AGCTGGGGTA  ATTAGACTAG  CCAATTGGTA  AGCACTGCAT  TTTATTGAAA
447251  TTGAAATGAA  GTAAAGAAGA  GAGGAATGGA  GGAAGAAACC  CTAAATCAAC
447301  TTTGGGTCTC  CATAAGCATG  CACACGCACA  CACACACACA  CACACACACA
447351  CACACAGAGA  GAGAGAGAGA  GAGAGAGAGA  GAGAGAGAGA  GAGAGAGAGA
447401  ACATGTGCAC  ACACAGAGAA  ACAGATAGAC  AGACAGCATA  GAAGTGTATC
447451  TCTGGTACTA  TCTCCAAGTA  AGAATTAGAC  TTTCAATTAT  CACAGGTTCA
447501  ACCAGTCCCC  TATCTCAGGA  CATAAGCTAG  CACTTTGCCC  TCTGGCTATG
447551  TGCATGAGGT  CTCAACAGTA  CTCTAGAAGT  ACAGGAGTCA  TTCTATTCCT
447601  GAGTTCTCTT  CCCAAGGCTA  GCAGGGAGGG  AGAGGAGAAG  AGAAGGGTGT
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152

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447651   GAGCATGGAT ATATCACTAA GAGGCTTCCC GTTGCATGTG ACAGGTGAAA
447701   ACCGGGCTGA AACTATTAGA GTTTCTTTTT CTCACCTAAC AGTGGTTGGG
447751   AGAGTCGAGG CTGTGGTTCA ACTGTCAGGG CATCTCTCAG AATCTCTAGA
447801   GACTATTCCC CATTAGTACA TGATGGCTGT CAAAGCTTCA TATATCCTGC
447851   CTTGACAAAA GGTAACAAAG CACTCGAAAG AAGATCTGGA TTTTCCTCAC
447901   AATAAACATT TCCTTGCTTA TCTAGATTAG ATCTTACCCA GAAGCTCTAC
447951   AGCAGAGCTC TTTTCAAGAA GGATCCACCA GTGTTGCCAG GGCAGACAGT
448001   GAGAACCTGC ATTCCCCAAT CCTGTGATGG GAACAAACAC TGTTGGCTGA
448051   GAGAAGAGGT GAGAAAATGG CTGTATGATG GGTAACCAAC AGCACCTCCC
448101   ACAGATGGCC TCCCCTAGAC CTCCCTCCAT GTCTTCCTTG CTTTGCCTAG
448151   AATATGATCT AAAACTGGCT CCCAATGACA GGCACTGAGA AGTCTAGGAA
448201   CACTTTCATG CATGTTCTTA TAGGACTGTT TCCTGAGTGC TCCTGTCAAG
448251   GGAATATTCT ATATTAACCA TCACAGTAGG TTGTCTTATT TGGAGACAGA
448301   ATAGTTATAT AGGCAATTAA GTAAAAAATG GGTTCGTTGG CATGTGCTCT
448351   TTAATTTAGC ACAGGCTTTA TAAACCGAAG TTTGGACAGA AACACCCACA
448401   GTTGAAAGCC CATATCAAAA CACAAGAAGA TAATCCTGTA TACATACCCA
448451   AGAGAGAAGT CTCAAAAACC CCTCCCTTAC AGCCCTTTAG GGAATCAACC
448501   CAACCATGTT TGGGGGTTTT GTTGGTGATG GTTTGATCGT TTTCCCAGGT
448551   CGCCTTGATT TTGTGATCTT CCTGTCTCTC CCCCCCCCCC CCCAATACAG
448601   AGTTATTGTC TTGAAACATC ATGCTTAGTT TCTATAAATA TCTTGATCTT
448651   ACATCTCCAG TTTGCAGAAA AATTTGCTTA AACCGCCAAG ATTCTAAACT
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448751   AGAAAGTTAC AGTGGCACTC CAACAAGCCT GGGAATTTGG AAGCATGAGG
448801   CTGGGTGGCA GGGAACTTAG CGAGCCGGGT GGAGAGATTT CAGAGCTCTG
448851   GGTCAGAGAG TCTGCCAGGC TGAGAACAGG CTGCACAACT AGCATCCTAA
448901   TACATAAGGT ATCCTAAGTT ATAAATCCTC CAGTAGCTGA TCCCGGTGGA
448951   TCCACCACCT GAACCAGGGG CCTTCACTAC CTACATTTTG CCCTCCCACT
449001   TACTCTCCCA TCCAAAAAGC AAGCATCCTT CTCCTGCTTC TCCTCTTCCT
449051   CCCTCCGACC TGGAAGTTCT TCCTACTCGA CCAGTGAAGG TTCCTTGAAA
449101   TCTTTATTCA TGAGGAGAAA GTTCACCTGC AGTCACCTGA GTATGCAATT
449151   CACTCCTCAT CCCATACAAG TCCCTCTTGG GGAAGCAGAA TTAGCATCAA
449201   AATACCAACA GCACCAGGGC AATCCACAAT ATTGTAACCA TGATGCTGAA
449251   AAGCTAAGAA CCTTAGCTGC CTCCTTAGCT GCCTCCTTGG CTGCAATATG
449301   GAAAAAGACA AGTAAAGAAA TCAAATCACC CATCTTTGAG ATCTAGACTT
449351   CTTTCTATTT GTTCTGTTAC TTAAAAAAAA AAAAAGTTC CCCAAATACT
449401   TCCATGTTGA CAGCACCATT CTATAGCCCG GGGTCCTGGG TTGAACAAAG
449451   AGAAGAAGCT GAGATGAACA TCAACATTGT ATTTACATTC TGGGGAAGGA
449501   TGCAGTGTGA CCAGCTGCCT TGCATTTCTG TTGAATGCCT GCCCCACCAC
449551   AATGTTCTGT GTCCTCTCAA CTTCTAAGTC AGTGTTTCTC AGCCTTCCCG
449601   ACCCTGTGAC CCTTTAATAC AGCTCCTCAC GTTGTGCTGA CCCCCAACCA
449651   TAGAATTTGT TTCATTGCTG CTTCATAACT GTAATTTTGC TACTGAGTTG
449701   TAGTATAAAT ATCTGACATG CAGGATATGC CAAAGGGGTC GAAACCCGCA
449751   GGCTGAGTAA AACTGCTCTA AGCCGGTATA AACTCTCCTC CTTCAAGCTG
449801   TCGTTATCGG GTATTTAGTC CTAACAGTGA GGAAAATAAT AAACAGGGGT
449851   CCTTAGGATT TCACAAAATG AGTCTTGGAA AAAACAATTC AACCTTTGAA
449901   TCACGTCAGA CCAAGAACTT CTTTCTCTGT AATAGAGGAA GCTCTCATTA
449951   ATCTTTATGG AGGGAATCAA TATGCAAATA TCCACCATTT TATTACCAAC
450001   TTCATTATCT CTAGCCACTG GAAATGTTTA GCAGTCATGT CTGCACATCC
450051   ACAGGTTACT AAGCTGATAT CAAGGATGAT GCCGTGGAAA TGTATGAAGC
450101   TTCCAAGGGC CATTTGAGTA ATTGGACAAG ATTATTACGA AGCTCGGTGT
450151   AATTTTAGTG GTGAGTCTAT TTCATTGTGT TTTGCTAATA TAAAAGTCAG
450201   TCATTGATAA ATGGGATTTA TGTTAACCAC CAAATATTTG CAATGCTTGT
450251   TTCTACTCTA GACCAAAGGA ACGTAGGGGT TTAAGTGCCA GGCCCCAAAA
450301   TAGGAGTTCA GTAACATAGA ATAGAAATAG GCAAAAGTGA ATGGGGCCAA
450351   AGGAGAGCAC ATGCGCTTAC TGTGGGAGCC TTTGCAACTG CCTAGTGTAG
450401   CATGAAATTG TATTTAAAAT TGCATGCGAC CCCACAGTGA TGAAACCAAT
450451   ACCTCAGAGG CTGGCTGACA CCAGTTTAGA AGACAAAAGA GCGGGCCTTA
450501   AATAAAATGC CAGCATTTCC ACTCGGGCCA TCTGTAGAGC TCAGTGGTCC
450551   GCCGCATCGT TTGGTGCCTT CACCATGAGT TCTGATGTTT TCAGGGTGCT
450601   TCTCACAGCC AACGCCAGAA AAGCCTTTAG CACCATGGAA ACATTGCTTG
450651   GTACAGGCTG TGCTTGAGGT ATGTGGTGCA AACACCAAGT TCTCCACCCG
450701   AGAAGAACAC AGAATGTCTG CTGGGGTACC CATCTCCAGG GCCCCCTTGC
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153

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450751   CTTTTCTCCG   AAGACCTCAT   TTCTGTTCCA   CTGAGCCCCT   TGCCACAGCA
450801   GGCTCTAGAG   TGGTGGCTAA   AAGAGGTGGC   TTTCTGGAGT   CGAATCCAGG
450851   CTTCACCACC   TGTAGACGGA   GTCATTAAGG   ACAATCTCTT   ATGTGTAAAA
450901   TGTGGATGGC   TTTCATGGCT   ATTTTGTAGG   TGTGTGGTGA   AAATTATGCA
450951   AGTAAAATGT   AGGGAGACCT   CTTAATGCAA   TGCCTGATGT   ATCTAAGCAT
451001   TTGGTAACAT   TAGCGGTCAT   GAGCGGTAAC   ATATCCAGGC   ATTGTGAGAA
451051   TGTTTGGGAG   CTTGTGTGCA   TGTGCCTGCT   TGTGTGTGAA   ACAAAATGAG
451101   TGCATGGTAG   AGGTCAAGCT   AACCAAGGTC   TCTCTCCAGC   TTAGATGAAG
451151   AATATCATTC   ATTCATAATG   GTTCCATTTT   ATAAGTTGGC   ATTCTATTAA
451201   GAATTAGATA   TATAGATATA   GATATGGATA   GAATTTTAAC   TTTGCCTTTT
451251   ATCACTGAGG   TTATAAAACA   TGAATTGGTC   TCCTTTCTTG   ATTAAAATTA
451301   TCATAAGTTT   ATTATGTGAT   TCTATCCCCT   GAATGTTCCT   GGGATGTGTG
451351   GCTCCTGTAC   TGTGTAGTCT   CAAACTGCCC   TGTCTGCCTA   TAGCCCTTGG
451401   ACTGTTGTCT   GCCTGTGTTT   GTCCCTTGGG   CTGCTGTCTG   CCTGTGCCTC
451451   TTAGACTGCT   ATCTGCCTGT   GTCTCTTGGA   CTGTCGTCTG   CCTGTGTCTG
451501   TCTCTTGGAC   AGCAGTCAGC   CTGTGTCTGT   ATCTTGGACT   GTTATCTGCC
451551   TGTTTCTCTT   GGACTGTTGT   CTGCCTGTGT   CTGTCTCTTG   AACTGCCGTC
451601   TGTCTATATC   TCAGACTGCT   GTTGGCTCCT   CTGCTGTCAC   TTGTCACTGC
451651   TGATAATTAC   TCCTTCATAG   AACAGTCAGT   AGCTGAGTCA   AGTGTGCATC
451701   CTCACCCCTT   CCTCCTTTGA   GTAAAAAACA   ATTAGTCTCT   GTGGAGCACT
451751   CTTTTGACTC   AGCATAAAGT   TCTGTAGTCT   AAACAGGTAT   GATGCAAATT
451801   CATGAGCGTT   TACCTAATTG   ACAAAAAACT   AATACACTCA   AAGCATAGAC
451851   TAACTACTCT   TTCATTAAGT   GACTTGGCTT   CCAGAAAGTT   CTAGAAAGCT
451901   GACGGTGAAC   CCAGAAACCA   GTCAGAACAA   AGGAAATGAA   GCTAGAGACA
451951   CTATATTTTT   TCCTCTTCAT   CCAAGGCATG   GATGCCACTC   AGTTTCTCTG
452001   GGAACACCCA   GTTTTGAAGC   TGAAAGGTGG   CTCGGCCATG   TACTCTAACA
452051   GGATTCAAAT   CCCAGCACTC   AGAGTGGGTA   GCTACAAACA   CCACTGCCAA
452101   GGGATCTGAT   GTCCTATTCT   GGCCTCCATA   AACACATACA   CACTAAATAA
452151   AGTCAAATAA   TTTTTAACCC   CATATCAACA   CTGAGTGTCG   CCATGCCAGA
452201   AGCATCAGAA   TGAGCTCTGA   GTCTGTCGGG   ACCATTAAAA   CTAGAGATCC
452251   AGGGGTTCAA   ATGAGTCAAG   GTTAAATGTG   CATTGAGGTG   GATTTTCCTC
452301   TCTAAATGTA   AATGAAACAG   TGGGCAAATT   GTATTCAGCA   AAATGCCAGA
452351   TATTGCAGTC   TGTGCAGGTT   CTTTAATGCA   CAATCTTTTC   TATTATTTTA
452401   ACTTTTTACA   ACACTTTAAA   ATTATAAGAA   TTTTAACCCA   AGGGACAAAA
452451   TTGGTGCAAT   CTGGCTTATA   GCTGTTGTTT   GCTGGTCCAA   GCCTTACTTA
452501   GAACTCTAAG   ATCTGAGTCC   TGAACTGCAC   AATGGTGGTG   TACGACTTTA
452551   ATCCCAGCAC   TCGGAGGCAG   AGGCAGTTGG   ATCTCAAGTT   TGAGGCCAGC
452601   CAAGGCTCCA   CAGAGACACC   TGGTCTAGCA   GGGTAAGGGT   GGGAGTGAGA
452651   GTCCTGATTT   GCTACCATGA   GCAGTATTAA   CTATGTGAGC   AGAAATGAGC
452701   AAAGTGAGCT   CGCCAAGACT   CAGGCTCCTT   ACACTAGAAT   GAGAATCCAG
452751   GATTCTCTGC   ACTGTAGTAC   TGTTATCTGG   GCTGCTCTCT   CCCAGGGCAG
452801   GTCCATGCTG   GCTGGAATTG   GTGCTTGCCG   AGCCACCAGT   GAGTCTCCAC
452851   TGAAGCTTTT   GCCTTCTCCA   TGTTCTTCCA   AAGTCATTTC   AGTGTTAAAG
452901   GTAGGACTGA   AGTGGGAGCT   GGACCTGTCC   CAAGGAGGCC   TGGAGAAACA
452951   AGCTGACCTT   CTCCCAACAA   CTAGAACGGG   GCGGGGCTTC   CATGAGAATT
453001   GTTCTTTTGC   CACAGGATAC   CACACTTCCA   TGGTAACAAA   TATGGAAGAT
453051   ACCTAGAGGA   GATGGGAGTA   GAGACAACTG   GTCGACCTCA   GTATACTGCA
453101   GCATAACCCT   GTTTAAAAAA   TTAGCTCCTC   TCTGAACACA   GCCTGAAGGG
453151   AAAGACCACA   ACAGTGATAT   CATTGACCAG   AAGACAGAAT   GGGTGCAAAA
453201   TGAGGCCTGA   GGGGAGCCAC   CAACAGGAAG   ACAGAAAACA   GGTGTGGCTA
453251   CTGCACTTTA   GCTTTGGCTG   TTGGGAGGTA   GCTTCGCCAC   TCCTAGGCAC
453301   TGGCGCCAGC   TCCTCCCATT   GTTGTGTGGG   AAATGTGTGG   ACTTTCCTTA
453351   CCCCAAATCA   AGGCAGTCAT   ATCTGTCTCC   AGGACCTTTC   CAGACTTCAG
453401   CCTGAGCAGT   CTTTGCTGGC   TGACAGGAGC   AGCTTGTCTT   TCCAATCTCC
453451   TGGGCTTGAA   GTGAGAGAGA   AGTGGATTGT   GTTTCACTTG   TTATGCTTGT
453501   GCAGCCTAAG   AAATGGGCAG   GGGCATGCAC   AAAAGCCTGA   ACACACAGTG
453551   AAAGCAGCCC   CTTCCTTCAG   GGGCATGACT   GAAACAAAGT   CACAGCCTTC
453601   ATTGCCTCAC   ACTTTAGAAA   TACTCCTAAT   TACCTAGTTA   TGCATGGTTA
453651   AGCAACATCA   TTGTACTAGC   TGGTTTTGTG   TGTCAACTTG   ACACAGGCTA
453701   GAGTTATCAC   AGAGAATGGA   GCTTTGGTTG   GGAAAATGCC   TCCATGAGAT
453751   CCAGCTGTGG   GGCATTTTCT   CAATTAGTGA   TCAAGGGGGA   TGGGTCCCTT
453801   GTAGATGGTG   CTATCCCTGG   GCTGGTAGCC   TTGCTTAAGA   AAGCAAGCTG
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154

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453851  AGCAAAGCCA  GTGGAAGCAA  GCCAGTAAGT  AACATCCCTC  TATGACCTCT
453901  GCATCAGCTC  CTGCTTTCTG  ACCTGCTTGA  GTTCCAGTCC  TGACCGCCTT
453951  TGGTGATCAA  CAGCAATGTG  GGAAGTGTAA  GCTGAATAAA  CACTTTCCTC
454001  CCCAACTTGC  TTCTTGGTCA  TGATGTTTGT  GCAGACTAAG  ACAATCATTA
454051  ACTGTTATTT  GTGTCTAACT  TCCATGAGTA  GAATTGTATG  ATTTTTATCT
454101  ATATAAACCT  GGCCTCTTTG  AATATCAAAT  CTTATAAGGT  ACTGTCTTAG
454151  GGTTTTATTG  CTGTGAAGAG  ACACCATGAC  CAAGGCAACT  CTTATAAAGG
454201  ACAACATTTA  ATTGGGGCTA  GCTTACAGGT  TCAGAGGTTC  AGTTCATTAT
454251  CATCATGGCA  GTGTACAAGC  CGTTTTGGTG  CTGGAGAAAG  AGCTGAGAGT
454301  TCTGCATCTT  CATCTGAAGA  AGGCAGTCAG  AAAGTGACTA  TTTTCTCTAA
454351  GCAGCCAGGA  GGAGGGTCTC  TTGTCCACAC  CGGAAGGAGC  TTGAGCATAG
454401  GACCTCAAAG  CCCACCCACA  CCGTGATGGA  CTTCTTCCAG  CAAGGCTACA
454451  CCTACTCCAG  CAAGACCACA  CTTCCTAATA  GTGCCACTTC  CCATGGGTCA
454501  AGCATACTCA  AACCACCACA  GGTACCTTAC  CTGTTGGAGC  CTGACACAGG
454551  CCTGGTTGAC  TTTCATTGCC  ATACAGAGTT  CTGCCATTTG  AACAAACCCT
454601  GATAACTTCC  CTCTCTACTG  TTAACAGACA  TTTGAGTTAT  TTCTACCCTG
454651  GGGCAATTGC  AAACACTTCA  GCTGTGTGGC  TTTTTTAAAT  CTTATAGCCT
454701  GATGATATCA  GCTCCCATTT  CTCAAGTTTT  CCAGGCGTGA  AATTGTGGCA
454751  GGAAATCCTG  TGTGGCCTCC  CTTATGCAAA  GTGTCTTTTA  TTCTGCACCT
454801  GTCCTTTTCT  GGCAGTGGCC  TCTACTTGAC  TCTCACAATA  AGAATAAAGA
454851  AAGCTGTTTT  TCAAAAAAAA  TTTTTTTTAA  TCACCAATTG  CCTTTTAGTT
454901  AGGGTTTTTA  TTACTACAAT  GAAACACAGT  GTCCAAAGG  CAAGTTTCAG
454951  AGGAAATGAT  TTATTTGCCT  TCCTTTTCCA  TACGGTTGCG  CATCATCGAA
455001  GAAGTCAGGA  CAGGGGCTCA  AACAGGGTAG  GAAGCTGGAA  GCAGGAGCTG
455051  ATGCAAAGGC  CACAGAGAGA  TGCTGCTTAC  TGGCTTGCTT  CTCATGGCTT
455101  GCTCAGCCTG  CTTTCTTAAA  GAACTGAGGA  CCTCCAGCGC  AGGGATGGCA
455151  CCTCCAACCA  TAGGCTTGGC  CCTCCCCCAT  CAATCACTAA  CTAAGGAAAT
455201  GCCTTATAGC  TGCATTTTAT  GGAGGCACTT  GCTCAAAGTT  ATCTCCTCTC
455251  TGATGACTCT  AGCTTTTGCC  AAGCTGACAT  AAGGCTAGTC  ACCTCAACTG
455301  ACTGCTTGTT  AATTTGACAC  ACACATTGGT  ATTAAGCCAC  AGTCCTTCCT
455351  TTCTCGTCTG  TCCCCAGGAT  CTCACATTAA  AATTGTATTT  TTTACAAATT
455401  CAAATACATT  AACGTTCTGG  TCCCTTTTAA  ATAGACAATG  TCTTTTTTTT
455451  TTAATTTGAA  GTCTTTCAGC  TGTGGGCTCC  TATAAAAATC  AAAATTAAAT
455501  TAAATTAATT  TTTCAAGAGG  GAAGAACCAG  GAGACAGCCA  CAGTCTGAAC
455551  AAAGCAAAAC  CAAACTCCAA  CAGTGCGAAT  AACACTGTAT  CCAATTATCT
455601  GGGATTCATT  CACAATCCTT  TGGGCTCCTC  CAAAGGGCTT  GAATCACTTC
455651  TCCAGCTCTG  CCCTCTGTAG  CACACACAGC  TTGTCTTCTA  GGCTCTAGCT
455701  GGCTCCACTC  TCGCCTGCTG  CTGCTGTTCT  TGGTGGTGAT  TCCATGGCAC
455751  TGGCATCTCC  AAAACTGTTG  GTGTCTCTTG  CTGCAACTGG  GCTGTACTTT
455801  CACCAATCGC  CTCTCATAGG  CTCTCATCGC  GGTACTAAGC  TTCAACTTCT
455851  ATGCAAGACC  CCTTCCATCC  TGGGCCTTCA  ACTGCTACTG  ATGCTGCTTC
455901  TTTACCAGTG  GCCTCTCCTC  GCTTCTCACG  GGGCCAAGCC  TCAGCTGCTT
455951  TCCAAGACCC  CTCTTCATGC  CTTCAAACCC  AGCACCACCT  AGGTGACTCT
456001  ACCAAGTCCA  GCTGCCAGCT  TGAGGTCCAG  CCTTGGCCAC  CTCTGGAACA
456051  CAGCTTCTGT  GTGCTAACCC  TAAGGAAACA  CTTCCCAGGA  GACTTCTGGT
456101  CTCTTCTTAG  TCGCCCCTCA  TTTCTTATTC  CTAGCTAACC  TGCATCATTT
456151  GTCCCAGTGG  TTTCACTTCC  ATGGTGTTGG  TCTCCTGTTA  ATCACAGTTG
456201  ACTCTTCAGC  CCCAGCTAAC  CAGAACTACA  GAATCTTAAT  TAAAATAACA
456251  AAAATCCCTG  ATAGAGTCTT  TAATCTTCCC  TCTGAAACTA  CACAAGCCAA
456301  GCCTCCATCT  CCTGCACTGC  TCTCAACATT  TTTATCGTCA  AAGCCCCTAA
456351  AGAACAACCC  ACTGATCTCT  TCTAGCTCAA  AATTCCAAAG  TCTTTCCCAA
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456451  CTGATATTAA  CTTGTCCTCT  TTAGGGTTTG  CATTACTAAA  ATGAAACACC
456501  ATGACTAAAA  ATCATGTTGG  GGAGTGTGGT  GGTTTGAATA  TGCTTGGCAC
456551  AGGGCATGTC  ACTATTAAGA  GGAGTAGCCT  TGTCAAAGTG  GGTGTGGTCT
456601  TGTCAGAGTG  GGTGTGGTCT  TGTTAGAGGA  ATTGTGTCAC  TGTAGGAGTG
456651  GACTTTGAGA  GCTTCCTCCT  AGCTGCCTGA  GGATTCCAGA  CTGCCTTTGG
456701  ATCAAGTTTT  AGAACTCTTG  GCTTCTTCTC  CAGCACCATG  TCTGCCTGGA
456751  CGCTGCCATG  CTTCCTGCCA  TGATGATAAT  GGACTGAACC  TCTGAACCTT
456801  TAAGTCAGCC  CCAATTAAAT  GTTTCCTTTG  TAAGAGCTGC  CTTGGTCATG
456851  GTGTCTCTTC  ACACCAATAG  AAACCCTAAA  TAAGATAGGG  AGAAAAGGGT
456901  TTATTTGGCT  TACACTTCTA  TTATAGCACA  GTACACAGAA  TCATAATTTC
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155

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456951  AACAAATTTA  ATAAGCATCT  ACTTGTGTTA  GGTGCTGGGC  TGGCAGCAAT
457001  GAAGAAAATA  AACAAGTATT  TCTAATTTTA  ATCAGTTGGT  AATATTAATA
457051  AGAGATAATT  ACAAGTAACA  TAATTTTGTT  TATTAATTAT  TTGTTTTAAG
457101  ACAGTGTCAC  ATAGCTGAGG  ATTACCCTGA  ACTTCTGATC  CTCCTGCCTC
457151  TACTTCCCAA  GTGCTAGAAT  TACACGTGTG  TTCACTAATC  CTGGTTTATG
457201  GACACTGGGG  ATCGAACTCA  GGGCCTCATG  TATGCTAGAC  AAGCACTCTG
457251  CCAACTGAGC  TACATCCCCA  GCCCAATAAT  ACCTTATTAA  AAAGACACCA
457301  GGTATGAACC  AGATGGGTTG  GCTCACACCT  AATAATCCCT  AAACCCTGGA
457351  TACTGAGGCA  GGAAAATCTT  GAGTCCGAGG  CCAGCCAAGG  CTGCAGGGTA
457401  AGAATATCTC  AAGTTGTGTC  CTCAAAAGAT  AAGTTTTCCA  GATACAGAAT
457451  ACGTACAGAG  CTCCTACAGC  TTAAAGCCGT  AACAAACATT  ACCCCACAGC
457501  CTGACCTCAA  AATGCTGGGT  CTGTGGTTCG  GTGGCGAAGG  AGGCTCACCT
457551  GGCATCATGT  GATCCTAGGT  TCAAAGCCTA  GCACTACAAA  AACACAAACG
457601  AAAAACAAAC  AAACAAAACC  CTAAACCTAA  AAACAGGCAA  AGGGCTTAGA
457651  CAACTCTTCA  AAGAAGGTTC  ACAAACACTC  ACAAGCACAG  AAAAATATAT
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457751  CATATCACAA  CTATTAGGAT  GGCCGCGGAT  TAACAAGTAC  TCCCGGGGAT
457801  GATGGGAAAC  AGAACCTGTG  ATACTATTAT  TCAGACCTTG  AAACATTACC
457851  ACTGCTATGG  GGGACAAAAT  GGCAGTTCCT  CAAAAAAAAA  AAACAAAAAA
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457951  GACTCCAAGA  TCTAAAAGTG  GGATCTTAAG  GAAGTATGTG  TATACCTTTG
458001  TGTGATGGCT  TGAATATGCA  TGGCCCAGGG  AGTGGTACTA  TTAGGAGGTG
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458151  TGTAGAACTC  CCAGCTCCTC  CAGCACCAAG  TCTGCCTGGA  TACTGTCGTG
458201  CTTCTACCTT  GATGATGATG  GACTGAACCT  CTGAGAACTG  TAAGCCAGCC
458251  CCAATGAAAT  GTCCTTTATA  AAAGTTGCTT  TGGTCATGTT  GTCTCTTCAC
458301  AGCAATAAAA  CCCTAACTAA  GACACTGTGC  TTACAGCAGC  ATTGCTCGCA
458351  ACTGTCAAAG  GTAGAAGCAA  CCCAGTCCTT  AAAGGGATGG  AAACATGAGC
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458451  ATAGTGTGCC  TCATCTGAGT  GAATCTTGAG  GACAATATGC  CAAGTGAGCT
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458601  GAGAGGTTAT  TGTTTTGTAG  GTGTAGAGTG  TCTGTTCTTC  AAGATGGAAA
458651  GAGGCTTGGA  GAAGGGTGGT  AACCATTGTT  GTAAATCCAC  TTATTTCACT
458701  GAACTGTGTA  CTGCAAAGCT  GTTAAAGTGG  CGTCACCTGC  GTTTTACTAC
458751  AGTTTTTCAA  GACCTTGTAG  GATAGATGGA  AATGGGGATA  GATACAAGTT
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458851  CAGATAGAGA  GGGGAAGCAG  TTTTACATGG  GGTGACCCAC  AGAGATGTTT
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458951  AGGAAGGGTT  TGTTTGGGCT  CACAGTTTAA  GGGCGTAGTC  ATCCACACCA
459001  GTGAAGGTAC  AGAGGCAAGA  GCATCACTAG  ATGCTCAGGA  CCACAGACAG
459051  GAAGCGGAGA  TGAAGGCTGG  CACTTGGCTC  ACTTCCTCGT  TTTCTCTTTC
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459951  ACATTCAATC  CATGAAGACA  GCTGAGTTAG  GCCACCTATC  AAAAATTTGA
460001  ATAGGTGATG  TAAATTTTTA  CACGTGCCCC  TTCTGAAGAG  ACATCTTTAA
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156

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460051   TATGGAGGTG   AATTCTTAAT   GTTCTTTCCT   CGTCTCGACT   CCGATTCCGG
460101   CAGAACACTC   ACCCTTGGCA   TCTCTCGGTA   CTTTGATAAA   TGGCACAAAA
460151   CAGAGGGCTC   GCCGCTTTTA   TGGCTGCATT   TCAGCCCTTC   CCCCCGCCCC
460201   CCACCATTCC   ATCACGAGAG   CCAAATGAGC   TACCACACCT   GCAGCACTGA
460251   TCTCACAGTG   TCCGGCACGG   GTCCAGAGGA   CAGTCCGTCC   TAGTGGCGAG
460301   CAGGCTTTCA   AGTTCTTGAT   GCAGGCCTCA   GATAGTTCCA   CACAGCAGAT
460351   GGGAACTGGG   AGTTTCTAAA   CCCTCTGCCT   GCCATCTACT   TAATTCAGAT
460401   AATAGGCCTG   CCAGATGGCT   ACCCGGTCCT   AAAGTTTTAG   CTGGGCAATT
460451   CTCCATCCCC   TCGGGAGACA   ATAAGCGTGG   ACACACGGGT   GCTCCAGAGA
460501   CCATTGGAAA   GAGCTGGGAA   TGTGGCAGGG   GAAGAGGTCA   GAGGATATCC
460551   AAGGATACCA   GCAGCTACCA   GCCATTTGCC   AGAGACTTCA   CTGCAAGGGA
460601   ATACACTCAC   ACTTAGAGTC   AAGTGCTGTC   CCTGCAAAGG   AGCAACCTAG
460651   AGTCACCCTT   ACAGTGGGTA   TCCTGCTGTC   TCCTAGGGTT   ACCTTTACAG
460701   CGGTGTCCCA   TTGTCTATTA   TGGTCACTCT   TACAGTGGGT   ATCCATTGGC
460751   CCCTAGGGTT   ACCCTTACAG   TGGGTGTCCC   ATTTTCTACC   AGAGTCACCC
460801   TTACAACATG   TGTCCCAGTG   GCCCCTAGGG   ATCACCCTTA   CAGCAGGTGT
460851   CCCATTGTCT   ACTAGGGTCA   CCCTTACAGT   AAGTATCCCA   TTAGCCCCCA
460901   GGGTCACCCT   TATAGCAGGT   GTCCCATTGG   CCTCTAGGAT   CACCCTTACA
460951   GTAAATATCC   CATTAGCCCC   TAGGGTCACC   CTTACAGCAG   GTGTCCCATT
461001   GGCCTCTAGG   ATCACCCTTA   CAGTGGGTGT   CCCATTGGCC   CCTAGGGCCA
461051   CCCTTACAGT   GGTTGTCCAG   TTGGCCTCTA   AGGTCACCCT   TATAGTGGGG
461101   TGTCACCCTT   TCAGTGGGTG   TCCCATTGGC   TCTTAGGGAT   TGGCCCATGG
461151   AACTTAGCTG   GAACAGAGAT   GCTGCAGGCA   AAGTGTCTGA   GGTGATCTCA
461201   GGAAAGCATC   AATCACCCTT   TTACCCAGGA   GATAAACTTT   GAGAAAGGCT
461251   TGGACTACAG   TGTTTATATC   AAGGCTACCT   CTACACCCGG   GGGCAGGACA
461301   CCCTGACAGA   CAGCCCGTTT   ACATCACTAC   TTGTTCTGTT   TACTGTTTTA
461351   GTGTCCATTC   TGGAATGCCC   TTCCTATGCC   TCCCTCTGCT   TACCCATCTT
461401   CCTCACAGAT   CACCCCCTCC   AGGCAGTCTT   CCCAGACCAC   TCAAGACCTC
461451   ACTTGCCTCC   CACTTCTCCA   AAAGCTCCGA   AGAATCATCT   TCCTTGCACT
461501   GATCTATGCA   CGTGACTCTC   ACGCCTCTTG   TTCAGTTTGA   TGGCAGGCCT
461551   GGCACCACAC   CTGGCTGCCC   TTGCTTATCC   AACCTCATTT   CCTAACCCAC
461601   CGTAGAACCA   CAGTGGGTGC   CTGCTGTCTC   GTTAGCATAA   GTTGGGACAT
461651   GCAGTCTTTA   AAAACTAAGT   TGGGTAGTAC   AGTAGAATTG   GTGGAAAAAT
461701   TAAAAATAAG   CTTCCTCTTG   AATGAACGAT   GAGAGGTGAG   CTTTGGGGAC
461751   ATCATTCTGT   GCCTTTAAAA   AAAAAAAAAG   TATAAAATGC   CCCGCACTTC
461801   GGAGGCAGAG   GCAGGCAGAT   CTTTGAGTTT   AAGGCCAGTC   TGGTCTACAG
461851   AGTGAGTTCC   AGGATGGCCA   GGGCTACAGA   GAAACCCTGT   CTCAAAAGAA
461901   CAAATCAAAA   CAAAAGTACA   AAAGAAAGGG   AGAAATCAGA   TGCAGGTTGC
461951   AAGTTCCTGG   TGACATCAGC   TTTGGCAGGC   CCTGATGGAA   AGTGACCTTG
462001   CCAGAGCCCT   GCTCCCCCAT   TCAGTTGGAA   CACTTTCCAC   TAACGGTATT
462051   AATCTGGCCT   TCAGTCTGAG   GCAGAGCTGC   CTGGGCCAAG   CCCTCCTGCT
462101   TCAGTCCAAG   TGATGAATCA   GCCCCATCTC   CTAATGCCCT   CAAGAATTAG
462151   AAGAATCGGC   GGAGGAAGAG   AGAGGCACAG   GGCACCATGC   ACACCCTCAG
462201   ATGGACAATA   GAAATGACGG   AGGCCAAGAC   CTTCGGTCTC   TTTCCATCTC
462251   TGGGAAGCCT   TTCCATTAAA   AACATTTTCT   TCTTCTGTTA   CATCCATGTT
462301   TTTTCTTTTT   GGTTTCCTCT   TGTCAGCCTC   AGCCCAGAGG   AAACTTCTCA
462351   CTCCCCACCT   CCAACCACGT   ACTAAACACC   GTTTCCTTCC   AAGGGCTTCT
462401   TCGTTATTTT   TTTCTTCAAC   TTACAGCTAG   ATTGCTTGGC   ATCAACCGAG
462451   AAAGCCTAGT   AACACTCTGG   CGTTCCAAAA   GCAGCCCAGA   AGATCAGAAG
462501   TATCCGCCGC   ATCTACCTCC   TGGACTCGGC   ACGATCAAAC   GCTACGCTCT
462551   CTGAGAAGAC   ATTGGGAGTA   GTAGAAATGT   TAAGTTTGTT   TTTTCTTTTT
462601   TCTTTCTTTT   TTTTTTTTTT   TAATTTTAAA   AAACCTAAAA   AGACACCTTA
462651   AAGGAAGCAA   AAGACAGACA   CAGCCAAGAA   GCAAGCAAAT   CTGATATTCT
462701   CTGAGCTGAA   AAACAAGAGC   CAAGGGAATT   CTATTCTTAG   CAGAGACTTA
462751   GCCAGCTCCA   TTCTCCAGGG   GTGGGGTGGG   TTGCAAAGAA   GGCTACAGTG
462801   CCCTCTGTCT   GGGACCTGTC   AGCATGTAGC   CTGGGGGCTT   GGATTCATTC
462851   TCTCTCTCTC   TCTCTCTCTC   TCTCTCTCTC   TCTCTCTCTC   TCTCCCTCTC
462901   TCTCTCCCTC   CCTCCCTCCC   TCTCTCTCTC   TCTCTCCCTC   CCTCCCTGTC
462951   TCTCTCTCCC   TCTCTCTGTT   TTTTTTCTGT   TCTCTCTCAT   ATATTCTTCT
463001   TTTTTTCTCT   CTTCCAAATG   GAGTTTATTT   GTTTAACAGT   CCTGGAACTC
463051   AATCCACAGA   CCAGGCTAGC   CTTGAACTCA   CAGAGATCCA   CTTGCCTGTC
463101   TCTGTATTCC   TCATGCTGGG   ACCAAAGGCG   TATGCTACCA   CACCTGGCTT
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157

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463151   AGCTAAGGTT  TTTCATTCAT  GGTTTTTTGT  TAGTCATTGT  ACAACCTTTG
463201   CAATGTCTGA  TTATCTAAAA  AGAACATGAG  AGCAGGGAGC  TCAGTTGACT
463251   TCACCACAGT  TGTACAGTTT  GGAAATGGCA  TCAGTAAAGA  TGCTAACTAA
463301   CCCAGGTTCC  CTTTTCTTAG  CCTGTGTCTT  TATAGTTCGT  CTTTCCGTAT
463351   CAGATTTATG  TTGTTTCATG  CTCAAAGGCT  TTGACAGCCA  GATCTGTCTA
463401   ACACAGAGGT  TGGTTCTCAA  AGCTGAACAC  CATAGGCCTC  CTAAAGATGT
463451   GTTCTACTAT  GTTTGGATAC  ATGTCTCCCA  AAGACTGGCA  TGCTAAAGGC
463501   TTAGTCCCCA  GGCAGTGCTA  TCACTAGGAG  ATGGTGGGAC  CTCTAAGAGG
463551   CAAATTCTTC  TAAAAGAAAG  CTGGGCTTTT  GTGGAATTGC  CTTTAGCCAG
463601   CCTGGCACAA  ACAAAGATCT  TCTAAAAAGA  AGACAGCCTC  ACCTTTCTTT
463651   GGTTATCACA  CTATGGAAAC  AATGGTCCCC  AAGGAATTGG  ATCCCTTGGA
463701   GCCTCTCACA  AGATGAAGGA  ACAGGCTGAA  GCATAGTGCC  AGCCAGAGGA
463751   GGTTTCATAT  CATCCTGTTA  TCTTATCTAC  CACCTTGTAA  GGGAGAAAGG
463801   ACCAGAAACA  ATGAGTCTAT  AATGGGACTG  TGACAGAGAG  GATCACACCT
463851   CAGCCAGGGG  CAGCTTAGTT  ATGCTGATCA  CTGTAAATGT  AATTCTTAGG
463901   GGGTGTTCGA  CACCCCTTTT  GCTCCCAGGT  AACAACATGG  CATTTCTATG
463951   CCCACTTTAA  CCCATTTTAG  CTCCCAAATA  AATGGCACAG  AGACCTGTTA
464001   ATTTTATTAA  TGGGCTGCAA  GCCTTAGCTG  GGCAGGTTCT  GAGCTGTTCT
464051   AAACTGACTA  GGCCACATGG  GCTGTTACTT  GCTATCTGGT  CTTACCCTGG
464101   TTTACTCCAG  TTCACATGTA  TCCTCAGGGC  TGCTCTCTCA  TCATGATCTC
464151   ATGGAGAATT  CTCCTTCTCA  TTGAGTCATG  TCGGGAACCC  TCCTGGTCCC
464201   TTCATATAGT  CTCTCCATCT  CCTCATTCTC  TCTACTCTTT  CTTCCTTGGA
464251   CCTCCTGACT  GGGATCCGAA  GTCCCGCCCT  ATTCTCTTCT  GCCCAGCTAA
464301   TTGGCTAATC  AGCTTTTTAG  TAACCCCTGA  TCAGAGGTGA  AGAAAAACAA
464351   TTTTTATATA  ACATTGAAAT  CAGAGAGCCT  TAACCATGCC  ATTGTCTGGC
464401   TTGCAACCAG  ACATCTAAGC  ATCTGAACAC  ACAGTGCACA  ACACCATTCC
464451   CCAGCAGATC  ATTTGCTCTC  TTAACACTAA  AGCTCTCATC  CAGAGTTGGA
464501   TGTCACCAGA  TCTCTTTATT  TGTTCCTCTT  CCCAGTGGGG  CCATTGATTA
464551   CAAGTCACTC  TCTGTATGCC  ACTGCCCTAT  TGAGGGTGGG  TACCTTCTCC
464601   TCTCTGGTTG  CAGCAGCCCT  GGCCCAGCTC  TTACTAACCA  CTCTGCTAAC
464651   ACACCTTCCA  GAGGAAATGT  GGACTGCTGG  TCTCTCCTCT  TCTTCCTAGC
464701   ACCTTGACTT  TAGCCCACTG  AGGCTACCTT  TGAGTATCTG  GCTTCAAGAT
464751   CTCTAGGATG  GTTTTATTTA  AGCCACCAAC  CTTGCAGTGA  TATCTTTTTC
464801   TTTTTCTTTT  TTAAAAGGCT  TATTTATTTT  ATGTATAAGA  GTACACTGTT
464851   GCTGTCTTCA  GACACACCAG  AAGAGGGCAT  CGGATCCCAT  TACAGATGAT
464901   TGTGAGCCAC  CATGTGGTTC  CTGGGACTTA  AACTCAGGTC  CTCTGGAAGA
464951   ACAGTCAATG  CTCGTAACTG  CTGAGCCATC  TCTCCAGCCC  CTTGTGGTGA
465001   TTTCTTAGAT  CAGCAATAAG  GACACACACA  GATACTGCAC  AACTTGTTCA
465051   TCTACAGCTC  AGTTTCCCAG  TGTCTGAAAT  GAGACACCTA  TATCCACTTC
465101   AATAGGGTAT  GAGTGAGGAC  TAACTGGAAT  AACTATAAAG  TTACTGTTGT
465151   GGTTTGGAGA  CATCAAGTGC  TAATAAATGG  AGCTGACTCT  TTGGATCATA
465201   AAGAACATTC  TTCTTGAAGC  TCAAGATTGC  CCACACAGCA  GCTGTGGGTC
465251   AGGACAAGTG  GAGCCCAGTG  TGGAGCAGTG  TAAGAAATGG  GTAGAAAGAA
465301   AGGGCTTTGG  CTGTGCCCTG  GTTTGTTTTT  ACTGGGCACA  TGGTGGGGAT
465351   CAGTCAACGG  TACATTGGTG  AAGGCAGTGG  TAAGAGGGCA  GTGCAGCAGG
465401   CTTCCCTGGT  CTTGAGATCT  TTATGCCTGC  CCGTTCTGAA  GGCCCCATTT
465451   TATTCACAGC  AATTTGATCC  ACTGTGCTTC  ACTGTAAAGT  GAACCATGAG
465501   ACACCCAAAG  GGGTGAGAAA  TAAGAGTTCC  CCTTCACTTC  ATTTACAAAC
465551   TGAATACAGC  CAGCACATTA  GCTTCTGAGC  CTATGGCACA  GTCTCTGGTT
465601   CTTAAGCAAT  ACCAAGCATA  AAACTGCTTT  CTCTATATTT  CATTGAATCG
465651   TGAATATTAC  GAAACACTTT  GGGCAAATAA  CTGTTCTCAG  TTCCCTCATC
465701   TATTAAACAT  GACAGATGTT  CCCTCCTACC  TATGGGCTG   CTATGAGCCT
465751   TAAATGACGT  CTATGTACCA  AGTGTGGTCA  AATAGTCAGT  ACGTTAGACA
465801   TGTGTCGCAG  ACCCTTTGGG  TCCCTTTGTC  TGCGTGGACA  GGGTCTCTAG
465851   TCGCAGGTGG  GCAAAGAGTC  GGTAGGTGAC  AAATAGACCA  ACAGGTGAGA
465901   TTGTGTAGAA  TCTGAATGTA  TTCTCACAAA  GTGAACATCA  GTCTTATATA
465951   GTACAGCATA  ATAATCCTCA  ATTTCCTTTG  TGTATGCTGG  ACAGCTTCCT
466001   TGCGGAGCTT  CAAGAGAAAG  TAATCCACGT  GCGGTGGTTT  GAATGGGAAT
466051   GGCCCCTATA  GGCTATAGCA  TCTCATTTGA  ATGCGTAGGA  AGTGGCACTA
466101   TTAGTGGCCT  TGTTGGAGGA  AGCCTGTCAC  TAGGGGGTGG  GCTTTGGAGT
466151   TTCAGATGCT  CAAACCAGGC  CCAGTGTCTC  TCTCCCTGCT  ATGGGCAGAC
466201   TCAGATATGG  AACTCTCAGC  TCTTTCTCTA  GCACCAAGTC  TGCCTGCGTG
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158

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466251  CTGCCATGCT  TCCTGCCACG  ATGATAATGA  ACTAACCTCT  GAACTGTAAG
466301  CCATCTCCAG  TCAAATGCTT  TCCTTTATAA  GAGTTGTGGT  CATCATGGTA
466351  TCCCTTCACA  AAAACAACAA  CAACAAAACC  CTAAGACATT  GTAGTAGGAG
466401  TCAAAGAGAG  TAACTTAGAG  CCAGCATGTA  CTGAGTACAT  ATTGTATACA
466451  CCAGGAACTT  TTCTGTGAAC  CGTAAATATC  AGGGTAAACA  AGCTGCTTTC
466501  TGAGCTAAGG  TAGAAGAGAC  TTGACAGACT  CCATGTCTTA  GGGTTTCTAG
466551  TGCTCTGAAA  GACACCATGA  CTACGGCAAC  TCTTACAAAG  AAAAACATTT
466601  CATTGGTGCT  GGCTTATAGT  TCCATTATCA  TCACAGCAGG  AAGTATGGTG
466651  GTGCACAGGC  AGACATGGTG  CTGGAGAGGT  GGCTGAGAGC  TCTGCCTACA
466701  GATTTGTAGG  TGGAAGGTCT  TCTTGTGACA  GTGAGCCACT  GAGCCTGGGC
466751  TTGAGCTTTT  GAGACCTCAA  AGCCCATCTC  CTAGTTAACA  CACTTTCTCC
466801  AGTAAAGCCA  CACACAACTG  CAACAAGGCT  ACACTCACTG  CAACAAGGCC
466851  ACACCTACTG  CAACAAGGGT  ACACCCACTG  CAACAAAGCC  ACATCTACTG
466901  CAACAAGGCC  ACATCTACTG  CAACAAGGCT  ACACCCACTG  CAACAAGGCC
466951  ACACCCACCA  CAACAAGGCC  ACATCCCCTA  ATAGTGCCAC  TCTGTACGGG
467001  CCAAGCATTC  AAACATGGTG  AATGGAAACT  GTTCCTACTC  AAACCACCAC
467051  ATTCCATACA  ATGGATTTAG  AGAACACAAT  GAGTGGTATC  TGTGGGAAAG
467101  GCTGTGCCTG  ATCTGGGGTG  GGGGAGGGGT  ATTGGGGAGC  TCATCTCAGA
467151  GGAAATGACA  TCAGCTGGTT  AAACAGTTTC  CCAGATGAAG  CGACAGGGGT
467201  GTGAAGAGGT  TGGGAGGGGA  GTGGCCCTCT  GAAGGCATGA  GATGAAATAT
467251  AAGCATCATT  TTTAAAGAGC  TATGGCATCA  AAGAGAGTAT  GATGACAGGG
467301  GTCAGATCTA  GAAGGTGGCC  CCGGGTCTAG  AAGGTGGAGC  TGGGTCTAAA
467351  AGGTATAGCC  AAGTCTTGAG  GGTGGAACCA  GGTCTAGAAG  GTGGAGCTGG
467401  ATCTAAAAGG  TGGGGCCAGG  TCTAAAAGGT  ATAGCCAAGT  CTAGAGGGTG
467451  GAACCAGGTC  TAGGAGGTGG  GGCCAGGACT  AGAAATGAAA  CTATGAAAGA
467501  TTTAGCTGCT  GAATCAAATG  TCATTCCTTT  AACAGATTGA  CTTAACTCTG
467551  AGTTGTCAAT  TGTAGCTGCA  TCTGACTGTA  GCTTAATGAC  AACAAGAGCT
467601  GCTACAGGCT  TTAAATGGAG  CAGTTTTATA  ATGTTTGAAC  TACAGAAGCA
467651  GTCACTCTCT  GGAACTGGTT  GAAGAGGAAC  AAGGTGAAAT  TCAAAATGGT
467701  TTGGGAAATC  GTTATAATAA  TTTTGGTGAT  AAACAGTGGC  AGGGAGAGCC
467751  ATGGTGGTGG  TAAGCAGGAA  TCATCAGGTA  TAGGTCTGTT  GGGATGATGG
467801  CCCTGCAGAA  GCCATGGTTG  GGGAGGAGGG  CGGTTCTAGG  TTGGGTGAAT
467851  GACAGTAGCA  TCCATTAAAT  TGAGAAATAC  AGGAATTGCC  CATTTGAAAG
467901  ACAGGTGATG  GGCTCAACTT  CACATATGTT  GATGTGAATA  CAGTAATGGC
467951  CTAAGGGATA  TCTGTGTGGT  TAGATGCAGT  TGGCAGTTAG  ACAGGACTCT
468001  GGAGTTTTAG  ATGCAGGTTT  GAGTTTTAAG  AGTCATCTGT  CCTTGGTGGG
468051  TCTACCTAAA  ATCATGGGAG  AGGATGAGAC  TGCGCAAGGC  AAGGGGAGAG
468101  AGGAAGATGA  GCAAGAGCCC  AAATGCAGAA  GAAATTGAAC  AGCCTAGAAA
468151  GGAAACAGAA  TATCACCCAA  CAATAGAAGA  GCCAAGGAAG  TATGGGGTGC
468201  CAGAAGCTTA  GGATGTGAGT  ATCTCAGAGG  AGCAGGGGAG  CCATGCTGTT
468251  CAACACATCA  ATGACATCAA  AGGAGACATG  ATTGGACTTG  ACACAACTCA
468301  GGCCAAGTGC  ACGTCCAGTA  AGGGCATCTT  CAGAGAAGGG  ATGGAGTGGC
468351  ATTAGCTTGA  GATAACTCAC  TTAAAGGAGG  AAAACTTCAT  TCTGGATCAT
468401  GGGTTTAAGA  GGTTTTAGTC  CAGGATCAGA  TGGCCTGATT  GTAAAGAGAC
468451  AGACACCAGA  CAGGGATAAC  ACAGCTGAGG  AAAATGGCTA  CCCTGAGGGA
468501  CTGAGATCAC  AGGGTGACAT  AGGTGAGCCA  GAGACAGGAT  GCATCCCTGA
468551  GGGCATCCTC  TCAAGGGGCC  ACTCCTTTCA  ATTAGGCACC  CCCACTTCCA
468601  TTTCCATGGC  CTCCCAAGAG  CACATCGCAC  TATAAACCCA  TCAACGCATA
468651  ATCCATGAAT  GGTATCAGGG  TGTCACAGTC  TGATCAGTTC  CCTAAACCCT
468701  GCCACTGGAT  TTACTCCACC  GAGGGATGTT  TCAGTCAGAC  CCAAAGTGTA
468751  ACAGGGGAAT  GATACCGATT  GCAACTGTTA  CCTCAACGAG  ATCTAGAATC
468801  ATCAGGAAAA  TGGGTCTCTG  GGTATCCCAG  GAGGGCTTGT  CTTTAACTGC
468851  CCACTGTGGA  TGCTACCATT  GCTCGGGATG  GGATCTAGAC  TGAGCAGAAA
468901  AGGAGACCAT  GAACTAAGCA  CATGTAAGTA  CCACTCTGTG  TCTTGACACT
468951  TGAATGCAGC  TGCCTCCAGC  TCCCGCCCCT  GTGACTTCTC  CACCAAGATG
469001  GACTGACTGT  ACCATAGAAC  TGTGGGCTGA  AATAAACCTA  TAAGCTGCTT
469051  TCCTCAGAGT  GTTTTGCCAC  AGAAACAAGA  AAAGTAACAA  AGACGAAGGG
469101  TTTAGAGCCC  AATGGGCAGG  AGTGCCGAGT  AGAAGATGAC  ACAGAAAGCA
469151  CAATGGGATT  GGTCCTTCAA  GGAAAGGATT  GTTTTCTTGG  GAGAAGCTTG
469201  CAGAGGGTAG  AGAGGTAAGA  TGGAAGTTGG  CAGAACAACG  TTTGGGTTAC
469251  TTATTTTAGT  ATGGAAAGAC  TCAGAAATGT  TAAGTTCCTT  ATAAGGAAAA
469301  GCCAGAGGGA  AGAAGGGCTG  GAAGTTCAGG  TTGTTGTGAC  TATTCAGAGT
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159

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469351   CTATATCCCC  AAATTTCTCT  CTTCATTAAA  ACTTAACCAT  GCTTCCAGAT
469401   CAACATCTAC  TGTCATTTCT  AATGCATGCA  TGTTCAGAAA  GGTGTTAAAA
469451   TTTAAAAATG  TTTAGCCTTT  ATTTTTATTT  TATTGTATGG  ATGTTTGTCT
469501   GCATGTATGC  CTGTGTACCG  TGTGTATGCA  GTACCCACAG  AAACCAGAAG
469551   AGGGTGTTGG  ATCCCCTTGG  AACTATAGTA  ACAGACACTT  GAGAGCTGTG
469601   TTGATGCTGG  AAGAGAACCG  GGTCATTTGG  AAGAACAGCC  AGTGCTTTCA
469651   ATGGCTGAGC  CCCCAAAAGT  GAAAATTTTG  AGTCAGTAAG  TGCATATATC
469701   TCCAGCAAGG  GGACCCTGCC  TGGCACGAAA  CCATTCTAAA  AAAGCCATTA
469751   GGGCAATGGA  TGGGAGGCTC  TGTACCCTCA  TGGGTGCCAT  AACGACACAT
469801   GCTTGCCTCT  GCAATCTTTT  CCGGGATTTC  CCCATGTGTT  TTACTGACAG
469851   CTTTCCAATT  ATACGTCCAG  GTCGCTTTTC  CTACCTCTCT  GATATTTTGA
469901   CCTTTTAACT  GTCAACTATA  CTCATCAGGC  ATAGTGGTCC  ACTTCTACCT
469951   TCCCAGAACT  TGAGGACTGA  AGAAAGTATT  CAAGAGAAGC  TTTGGTTTCA
470001   TGCAAGTTTG  AGGCCAGCTC  AGGCTACATG  AGATCCAGTC  TCAAAAAACA
470051   AAAACAAAAA  CAAAATCAAA  AAACAAACAA  AAACCCCCAG  CCATTTATTT
470101   ATTTATTTTT  AAACTGCTGC  CTACAATTTG  GTAACTTGGG  CCCTCCACAT
470151   CAAGCCCTCC  AGTCATTTTC  CTTCCTACTG  CATAAGCCGA  CTCAGAAGAA
470201   AGAGCCACTT  TCCTTAAGAT  AATAGTCAGC  TCTTGTGGCT  TCCAAAACTG
470251   AAATTCGCAA  AGATGTGGGC  ATGTCAATGT  AAAAGGGTCT  GCCGTAACAC
470301   GGCATGAGAG  AGAATGGCCA  CAAGGCTGGT  AGGAGGGACA  CCAGGAAGGG
470351   TGAGGAAATC  AAAGTACTGA  ATTTACTTCT  GGGACTCCTA  TGTGGCAAGA
470401   GAGCTTCCGT  GTTATAATGT  ATCACTTGGT  TTCCATGAAG  AAATGTATTC
470451   ACAGAAGGGT  AACCATATAT  CATGGGAGCC  TTTTTTTTTT  CCATCTTTTA
470501   AGTTAAAATG  CTGCTTACAG  CTTACGGGAA  GTCATCATAA  TTTACTAGGC
470551   AGAGATTTCC  CTATCATCAC  CATACATAAA  ATAATGGCAT  ATCTATTATT
470601   AATGATGTCT  TAAATCCAGC  AAAATATGGT  ATTTAAAATT  TTGATCCTAG
470651   AGTTTTCTAA  GATTGATACT  GCAAATAAAT  ATTCTCACTT  GATGCAAAAA
470701   CTATTATTAT  GCATCATGTG  TTTTATGGAT  CAATGTCACC  AAATCAGAGT
470751   TGCCCTGGTA  AGTCTCAGAG  TTCCATGCTA  ACGAAAGAGC  ATGTCTTTCC
470801   CTCCGAACCA  CCACGGCTCT  CCCCCTGGGC  AATTGTAAAA  GTGGGTCCGT
470851   AAACACCCAT  GTTACCCACA  CAGCCAAGAA  GCAGGGCTGA  CAGCATCCTT
470901   CCCACCTAAG  CGCAGTCTTA  TCATCATCAC  CCGTGGAGTG  ATTCTCACCT
470951   TGCTTTAATT  ACAATGAAGA  GGAACATATT  TTTTTCCTCT  TCAGAAGCAA
471001   GTGGGTAACA  ACTACCTGGA  TAAATGGGGT  ACTTGTGTTC  ATAATGCGTC
471051   AGCTGTAGAT  GTTTTGCCCT  CCTGGATCTG  CAGTTTTCAT  TCTTTTCTTT
471101   TGCCTCACAC  TGTAGCACCT  CACTGCTCTC  AACTAGCTAG  AGCTAGGAGT
471151   GAGGCCGGTG  AAAGGGACAT  CAAACTCCAT  CAGAAGACGG  CGTCAGAAAC
471201   CCTGGGGCTG  GAGTTACGGG  TGGTTGTGAG  CCACCCACTG  TGTGTGCTGG
471251   GAACTGATCA  CAGGCCTTTT  AAGTGAGCTG  CAAATACTCT  TAAATGCTGG
471301   GCCTTCTCTC  CAGCTCAGCC  CCTTGTGATT  ATTCTAAGCC  ACATCTATCC
471351   CTGCTTTTAA  TTATTTTTAT  GTCCTAAAGA  GTAACGGCAG  CCCAGATATA
471401   CTCAATACAA  CTATTCTGAA  AATAGTTGCA  AATTGAGAAC  AAGAACTTAG
471451   ACATAAACAT  TTGAGGGGAA  CATTTGCTTG  ACCCTTGTTG  GCCCCTAGAT
471501   GTTGCCGTTT  GTCTGGCCAA  TGGGACTGAA  AAAGAGGTAC  TTTCTGAGAC
471551   AATAGGAAAG  TGTCCTTATG  AAGGGGCGGA  GCTATGAGGG  GTGGAGCTAT
471601   AAGGGGCGGG  GCTATGAAGG  GCAGAGCAGG  CCTTCCTGTC  TTTTCATTGT
471651   CTGGAGCTAA  CTCAGAACCG  CTAGGATTTC  CACAATAATA  ATTGAGCCAA
471701   GAAAACAAGG  ATCCCTGGTG  AAAAGCCTGG  TGAAAGTGAA  GTCTCTGATG
471751   GCGATGAAGC  TGCCACACCA  ATCCACCAAT  CCACCAATCC  ACCAATCCAC
471801   CAATCCACCA  ATCCCAAGCA  GCTCCCTTTC  CAGACCTCCT  TTTTTAGCGT
471851   AGAAATAAGA  GTCTTGAGTG  TTCAAAACAT  CATCTGGGGC  ATGTCTAAAT
471901   GTCAGCCAAA  TACAGTTCCT  CACTGATGTG  TCATAAAAAG  ATCTGTTCGG
471951   GGTTAGGCAG  CAGGATAGGA  ATGCATGCCT  GGAGCCAGCC  CAGAATCTGT
472001   CTTTTTATCC  TTCGCTGTGC  TACTTTTACA  CTAAGCTCGC  TCTATGGGTT
472051   TAGGAGGCTG  CTTAAGCATT  ATTTATTCAC  AATTCTTCAT  TGAAAATAAT
472101   AAGATTCACT  TCTACGGATT  CATGATAACT  ACCTGACATA  AAAGGAAAAA
472151   CAGCCGTATG  AAATGGCCGG  CCCTTTCTTC  TTCCTTACGT  CTAGCAGTGA
472201   GACAATCCTT  CCAATATCCC  ATTCTTGACT  TTATTCCGGT  GTCCTGGACA
472251   GGAGTGTGGA  TGTTAAAAAT  TAAACCATAA  GCCACAGTTT  AATGGAATGA
472301   TAGCTGTTCA  GCTGGAGAAC  AGAAGGTGGG  AAGGAGTCTT  CCACTGACAC
472351   AGCGCTCGCC  AAGAAAGGCC  AGCTGTTTCC  CGTGTCCTCC  AAGAATGGAG
472401   GACATGATTA  AAAGAATTTC  CTCCCTGGCT  TCTGTCATAG  AGCTGGCTTC
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160

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472451   CTGGGAATAG   AATCTGGGGG   TGGGGGAGAG   GGTGAGGGAG   GGGTGGGTAA
472501   TCTCAAGGGA   GAAAGGTAGA   ACTTTGTAAG   CAAGCAGAGG   AAGTGTGGGT
472551   TTAGCTGTTC   CCATAGGTCC   CAGAAAATGG   ACCAGGGGGA   TCCCTAGCAG
472601   GAGAAGTTAC   CAAAAGACAC   TTAAGTAGAA   GCACAGTGTC   ACCCATCTGC
472651   CTGGGGTCAA   ATGGATGTGT   TCAATGTGAA   CAGAGATGTG   GGGAGACATC
472701   TTTATTGTGG   ATGTGAGGCC   TCTGTGGCTC   TGCATGGTAG   AACTGAGAGC
472751   AAAGGAAGCC   ATCCTTTTGC   AGCCTGAGAG   GATGTACTGG   GAGAGCATAT
472801   GCACACACAA   AGGAGTGGTC   AGATTCTTTT   CTGGGGCCTC   ATTCTTTTTC
472851   CTCCCATGAC   AACTGACCCC   TGAGAAGAGG   GTTTGGTGCC   AGGTGTGATG
472901   ACCAACATCT   GCAATTCCAC   ACTCTTGAGG   CTGAGGCAGA   TGGATGGCAA
472951   CGAGTAGGCA   AGACCAGCCA   AGGTGATAGC   AAGTCCCAGG   TTAACCTGAG
473001   CTACCATGTG   AGACCCTCTC   ACCAAAACAA   AGGCTGCAAG   TTTACAGTCA
473051   ACCCTGTTTG   CTCTGCCCTT   GACCTGATTG   GTTAACCCTG   AGCTTCGCTC
473101   TCTCCAACCA   CAAACAGCAC   TTGCAGCTGA   ACACACCCCT   CCATAGGGTA
473151   GACATGCTCT   TTGGCCCTTT   ACTTTCACCA   ATGGGAAATG   AGCAGAAGTG
473201   AATATCTCTG   ATGTAAGAAA   TTAACAGGCC   CGGCACCTCC   CCTAATATAT
473251   GTTCCCCAGC   CTACCGCTGA   AAAGAGGGGA   CTCAGAAGGC   CCCACAGGAT
473301   GGAGGAGCCA   TAGTTCCCAG   CCCAGGATGA   TGTGGGATGA   GGAGGTACTA
473351   GAACTGTCAG   TATGCTGGCT   CATGTACTTG   CAGGTGGTAG   CCTGTTTGTT
473401   ATAAGACTGA   GAGAACCCCT   CTCATGAATG   CTGAACATTT   TATTATCTAT
473451   CATCTCCCTT   GGCAGGGGTC   AAAACACGAA   TGTCCAGTCT   CTAAAGCTGA
473501   TTTGCAAATT   CAGCTATAAG   ATATTTCCCT   ACCCCTGGCC   ACAAGTCCAA
473551   TTGCTAGAAT   TTCTGGGGTC   ACTGTTGCCA   GGCCCAACAG   ATAACAGTGC
473601   TTAAGTATGT   CTCTTATGGG   TATCTGCAGA   GAAAACGGAA   GGGTTTCCTA
473651   GGAATAATAA   ATTCAGAAAT   GATTGAGGAC   GACCCTGGAC   TTAAATATGT
473701   TACCCACTGA   CTCTCTGATC   ACAAACTCAT   CAAGACGTAG   ACCTTCCTAT
473751   CCTCATCTTA   CAAGTGAGTA   AACAGTGATT   CTAGAAGGTT   GTTGCCAGCT
473801   CAGCAAGGAG   GCTCAACAGA   CAAGAGGCAG   CCACCACCAA   GCTTGGCAGC
473851   CAGGGACTGA   TGTGGTACGA   GAGAATTAAC   TGCACAAGTT   GTCCTGTGAC
473901   TGCCACAGAG   ATGCCATGTG   GGAGAGGAGG   GAGAAGGAGG   AAAGGTGAGG
473951   GGAAGGGGGG   AGGAAGGAGA   GGGGGGAAGA   GGAAGGAGGG   GAGGGGGAAG
474001   AGGAAGGAGG   GGAGGGGGAA   AAAGGAAGGA   GAGGAGGAGG   AAGAGGAAGG
474051   AGGGAGGGGG   TTATTGCTAA   GTCCTCAGTT   GAAGAGTTAG   TGGGTAGAAT
474101   AGGGAATTTG   AGTTTGTGCC   TGCACAGCCC   CAAAGCCTGT   GCCCCATCCC
474151   CCACCCCACC   CCACTCCCCC   ACCCCCATCC   CCTGCAAGGA   AACAGGCAGG
474201   CCTGTCCCTT   CTTGCCTTGT   CTAGGGGCAA   TGCATCCTGC   AGAGCTGGTT
474251   CATGGTTTGA   GCACTGATGG   ATTGAGAGAC   ACTGCTTTCC   TGGGTGTTCT
474301   GTGTTTCCTG   GTGGTACCTC   ATTTCCCAGA   TGTCCCGGCT   TTCCGGGAGG
474351   CGATGCTTTC   CCACGTGTGT   GGCAGTTCCT   GGATGTACCT   CAGTCCCAGA
474401   GGTAATGATT   TTCCCAGACA   TCATCATTTT   TTTCCCAGAC   ATTGGATATG
474451   TCGCTTTTCC   TGGATGTACT   GTATTCTGTT   GTTACGAGGA   GCAGAGAACT
474501   CACTCTGCTT   CTTTCTGAAG   CCCTTGTTCT   GTGGCTCCCA   GATGCATGAT
474551   TAGGCAGGGT   CCAAATTACA   GCGTTATTAC   AGGGCTCCAC   ACACATCCCT
474601   AAGTGGAGAG   GTGTTTCCAG   AGGCGCTAGC   GGTACACAAA   CTAAGCTTTG
474651   TTTGGGCTAG   GAGGGAGTCC   TATTTTTCTC   TTCTTTTTTA   ACTCCTTGCT
474701   TCTAGAATCT   GTCACCCAGT   GTTCTGAATC   ATGAGTACAT   CTGTGCCACA
474751   GAAAGTCAAG   CAAAGAGCCC   TGGCTCTTCC   TCCAGGACCC   TGGGGTCTTA
474801   AGCAGTTCCT   TTTCTGGCGT   CTTAAGCGGG   CATGGATGCC   TGACAAGGCA
474851   AAGATTCTGT   GGCTATTTGA   CTCACAGAAT   GGTCCATCTG   CTCTTCTGTC
474901   CGCTGTATGT   GATTTATTTT   ATTTTATTTT   TTTACTTGAG   GTCTTAAACT
474951   GTCTAGCTGC   CCAGGAAGGG   TGGATATGAT   GGTTTGTGAT   ATGCTTGACC
475001   CAGGGAATTG   CACTATTAGG   AGGTCTGGCC   TTGTTGGAGT   AGGCGTGTCA
475051   CTGTGGGTAT   GGGCTTTAAG   ACCCTCATCC   TAGCTGCCTG   GGAGTCAATC
475101   TTCAACTAGC   AGCCTTCAGA   TGAAGATGTA   CAACTCTCAG   CTCCTCCTGT
475151   ACCATGCCTG   CATGGATGCT   GCCATGCTCC   TGTCTTGATG   ACAATGGACT
475201   GAACCACTGA   ACCTGTTAGC   CAGCCCCAAT   TAAATGCCGT   CCTTCTGAGA
475251   GTTGCCTTGG   TCATGGTGTC   TGTTTATAGC   AGTAAAACCC   TAACCAAAAC
475301   AGTAGAATAT   TCCAAAGGA   GCCAGAGAAG   TGCTGACATT   TAAGCTGCTA
475351   CCTTGTTAGG   TGAGTGTTGT   TTTCCTCATA   GACTGTTGCC   AGGGAGTCGA
475401   GGAGGGCCAG   AGTCCATGGG   AGCCAACCAG   AGCTGTAGAC   AAATATCCCA
475451   GGCCGGGTAA   GAAACAGGGT   GATCTCAAAA   TTGGGTCACT   TCCCCAGACT
475501   CCTTTAAAAT   AACTCTCTAT   ATAATCTATG   CATAATTTTT   ATGAGAGAAG
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161

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475551  ATGTTTTCAA  GGCTCTCTGA  CACGCTTTTG  ATGCACCTAG  CTCAAGATGC
475601  CACTACCTCC  CACCTGGATT  GACCTTACCT  CTTTTATTCA  GTTCTTGACC
475651  TTGTCACCCT  TCTGATAGCT  GCCATCTTCA  GTGTTTCAGG  ATGCTGTCCT
475701  GTCAGAATTC  TGCTGTTGGT  CAAGGCGACC  CAAAATGTCA  GCGTCCTCTG
475751  GACACAAATC  CTGGTCTTTG  TGGACAAACA  CACTTTCTCA  GGATGTCTCT
475801  GTAGACACGC  CATGTCTGGG  TCTCTCTGTC  CACTTGCATG  CTTGTTTTGC
475851  CCCCCTGTTT  AAGGGACATC  TCTGTTCATC  TTGTAGTCCC  CTACAGCAGT
475901  GGTTCTAAAC  CTATGGGTCA  GGATTCCTGT  GTGTGTGTGT  GGCGGGGGGG
475951  GGGGGGGTGT  GCGGGGGCGG  GGGGGGGGTG  TCAAATGATT  CTTTCATAGG
476001  AGTTGTCTAA  GACCATTGGA  AAATAGCAGA  TATTTGCATT  ACAATCTGCA
476051  ACCCCAGCAA  ACTTACGCTT  TTCTGTGGTA  TCAGTTATCA  GTGGCTAACA
476101  CAAATCTAAA  TGTCTTAAAT  GGAAAATTCC  AGAAGTAAAT  AATTCACACA
476151  TTTTAAATTG  CATTCTACTT  TGAGTGGGGC  CCTGAAATCT  CACTCTGCCC
476201  TGGCTGGGCT  GGGCAGAGTC  AACTGTTTGT  CACGTGTATC  TGCCCTGTGC
476251  CGTCTATCAC  TGAAGAGTAC  ACAACACTAT  CAGGTCAACT  GGCAACAGAA
476301  TCAGAGCTGC  TGTTCAAACA  GCCTTCGTTT  TACTTGATAA  ATAGCATTAA
476351  AGTTATAAAA  TTTTTGACGG  TCCTAGAATG  GGGGTGTGTC  AAAGAGAAGC
476401  CACAAAGTGC  TTCCTTTAAG  TAAAAGGGTG  ATACCTATAA  CAGAGTTGTG
476451  TGTGTGTGTG  TGTGTGTGTG  TGTGTGTGTG  TGTGTGTGTG  TGTTTGTCTG
476501  TGTGTAAGAG  TAAATACCAT  ATGCACCATG  TTTACCACTA  TCTATGGTTT
476551  CATGGATGCC  CCGGGAGTCT  TGAAACATCT  CCTGTAGATA  AAAAGGGGAA
476601  ATACCTTGGT  CACTTTTCCT  GTTGCAGTGA  TAAAATGTTC  TGACAAGAAA
476651  AATGAAAGGA  AGAAAGGTTT  TGTTTGGGCT  TGTAATTTCA  GAGTACAGTC
476701  AGTCCGTCAT  AGCGAGTCTG  TCATAGTGGC  AGAAGTGTGA  AGTAGCTGAT
476751  CGTGTTGAAT  CTGCAGTCAG  GATGAAGAGA  GCAATGAGTG  CCAATGTTCA
476801  CCTCGCTTCC  GTGCTCCCCT  CACTTCCGGT  AATGAGTGTT  AGTGCTCCCC
476851  TCACTTCCAG  CTATGAGTCC  CAGTGCTCTG  ATGGCTTCCG  TGCTCCCCTC
476901  ACTTCCGGTA  ATGAGTGTTA  GTGCTCTCCT  CACTTCCGCC  TTACTACGGG
476951  GTACCAGGACC  TGAGCCCAGG  AAAGGGTGTC  GTCCTCCTTC  AGAGTGAATC
477001  TTCTGACCGG  AATCAACCCA  ATCTGGATAA  TCTCTCACAG  GTATGCTTAG
477051  AGGCCTGTCT  GCTGGGCGAT  ATCAGGTTTT  GTCCAGTGAC  AATCAACACT
477101  ATTGAAGGAA  GACTGTCGCA  TAAATGTGGC  AATGAACTGC  CTTTGGACAA
477151  GACTGGTGAG  CCTCCACTGA  CTTAGGCTTC  CCTCAGAGAG  ATTCAAGCAT
477201  CTTGGAGAAC  TTAGAAGGGC  ACTGGGTTTA  ATGCAGTGCT  ATTTGAAATA
477251  TGTGTATCTT  TGTGTAGGTT  TGTGCACAGG  GGTGCAGTGC  CCATAAAGGC
477301  CAGAAGAAGG  CATCAGAACC  TTTAGAGCTT  GAATTATAGG  TAGTTGTAAG
477351  CTCCCTAATC  TTGGTGCTGG  GCCCCAAACT  CAGTCCTCTG  CAAAAATGTA
477401  CATGTTTTTA  ACAGCCAACC  CATCTCTCCA  GCCCCTGCCT  TGAAATTCTT
477451  AACCATCCCC  TAGTAAGGCC  CACATTTTCA  TTTATTCTGA  GCCAAACCAG
477501  TTATGTAGCT  GGACTTGCTT  ATGCAAACGG  AGAGGTTGTA  CTTATTTTTT
477551  GTGTCTTAAT  AGATGTCTTT  TCCTATTAGA  TAGCTATGCT  ATAGATGAGT
477601  GAGTTTTAGT  CACACAGTTA  TGTGTGGGTG  ACACATGCTG  GCTGGTGACA
477651  CATCTTCATT  TCAGCCTTTA  TGTTTTGAAC  TTCCATGGTT  GGAGGTGTTC
477701  CTATCTTACG  TCATCTAAGA  TACTCACGAG  TTTCCTTCAA  AATCTGCCTA
477751  TGGGAAAAAA  TAAACTAGTA  ATCATCTAGG  TGACCTCTGA  CTACCTCAGT
477801  CTTTGTCACC  TCAGTTCCAT  TTGTCCTTTA  TATGCTTGTG  GTAATAGCTG
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477901  CTTTGAAATA  AACAATGTTA  TAGCCTGTGG  TACTAAAAAA  AAAAATCAAC
477951  TACAAATTCG  GGATGGGAGG  TAGTGAAGTA  ATTGTAAGCA  AGAAATCTTT
478001  AAAAAGAGCT  TCAAGGTGTT  TGGTTGCTCT  GGGGGAGATG  AGTGAGCGAT
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478101  AGAAGTTTCT  CCAAAGTGGA  TATACAATAT  ATAAGTGATA  AGTATAAACC
478151  TATCAAAGAT  TTTAACTTCA  CTAAAAGATG  ACAGAGATTC  AAATCAAAAC
478201  TTCAGCGAGA  TGCTGGGGTA  GTGACACATG  GGTTTCAGCT  CACAGGAAGC
478251  GAAGGCAAGA  GGATTACAGG  TTTAATCCAA  TCGAGGCTAA  TAGGTGATTC
478301  TCAGGCCAGT  GAGCTTAGGC  AGCTCGTCAC  AAAACAACAA  CCACGGTGAG
478351  GTCTTGGTTT  GCACTAACTA  CAATCAGTCC  ACCATCAATG  AGAGAGACAC
478401  AGACAGACAC  AGACAGAGCA  GAAAATAAGT  ATTGCAAAGC  TCTAGAGAAA
478451  GTGGATGGCT  TGTGTACCAT  ACAGAGGGAT  GTAAAATGAT  ATGGCCACTA
478501  TGAAAAACAG  CATGAAGATT  TCTTCAAACT  ACAACATAGA  ATTAACATTT
478551  GACCCAGTGG  TTCCAATTCT  GAAAATGTAC  ACAACAAATT  GAAAGAAGAA
478601  GAAAAAAAAA  ACACGAGGAA  ATTGCACTCA  CAGGAACATT  ATTCACAATA
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162

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478651   AGATTAAAGC  ACCCAATGGC  CCAACAGTGA  ATGGATGGAT  GGGTGGATTA
478701   AATAACCTGT  GCCATATACG  TACCACAGGG  GCTTGATAAC  GATGCCATTC
478751   CAAGAAAAAT  AGGGCATTAT  TTTGGTACAC  CAAGCACTTC  ACAATAAGGG
478801   CAAGACTGAA  GTTCGTCTGG  CCTGCCAAAT  GTGGAGGGGA  ATTCTGTAGA
478851   ATAGTCTTAT  AGGCATAACG  GTCAGACTTC  AAGCCCCCAT  TATCCATCTC
478901   AGTAGAGAAG  ACTGTGGTGG  TCACTATTCT  ATGGCTGGGC  AGAGACACCA
478951   GCACCAAGGC  AATTCTTATT  AAAGAAAAGC  ATTTAATTGT  GGGCTTGTGT
479001   ATAGTTTTAG  AGGTTTAGTG  TGTTGTCATG  GACAGAAGCA  TGGTGGCACA
479051   CAGGCGGACA  TGGTGCTGGA  GAAGTAACTG  AGAGTCCTGC  ATCCTAATCC
479101   ATAGGGGGAG  AGAGAGAGAG  AGAGAGAGAG  AGAGAGAGAG  AGAGAGAGAG
479151   AGACTGACTG  ACTCTCTGGG  CTTGGCATGG  GCTTTTAAAG  CCTCAAAGCC
479201   CACCCCCAGT  GACACACTTC  CTCCAACAAG  GCCACACCTC  CTAATTCTTT
479251   TAACCATTCC  AAATAGTGCC  AGTCCCTGGT  AACTAAGCAT  TCAAATATGT
479301   GAGCCTATGG  GAAACATTCT  CAGTCAAACT  ACCACAAAGA  CTGAGGACTG
479351   TGACCACACC  TCAGCATCCA  AGTTGACACC  TGTCTTTTAG  GCTCTAATGC
479401   CAAAGAGAAT  CTTTACACCC  AAATCTCTGC  CCCATCAACC  TTTACGGCCC
479451   TCCACTTTTC  CTATTCTCCC  CATCTGCAAG  CAAAGGGATA  TGGACACTTC
479501   TAAATATGCT  AGACTGGGGA  CAATCATACT  AGACTGGAGA  CCCATCATAC
479551   TAGACTGGGG  ACCATCATAC  TAGGCTGGGG  ACCATTATAC  TAGGCTGGGG
479601   ACTGTCATAC  TAGTCTAGGA  CTGTCATACT  ATCTGAGGAC  TGTCATACTA
479651   GGCTAGGGAC  CATCATACTA  GACTGGAGAC  CATCATACTA  GGCTAGGGAC
479701   CATCATACTA  GTTTGGAACT  GTCATACTAG  ACTGGGGACC  ATCATACTAG
479751   GCTGGGGACC  ATCACATACT  AGGCTGGGGA  CTGTCATACT  AGTCTGGGAC
479801   TGTCATACTC  TCTGGGGACT  GTCATACTAG  GCTAGGGACC  ATCATACTAG
479851   ACTGGAGACC  ATCATACTAG  GCTAGGGACC  ATCATACTGG  TCTGGAACTG
479901   TCATACTAGG  CTGGGGACCA  TCATACTAGG  TTGAGGACCA  TGTCATACTA
479951   GTCTGGGACT  GTCATACTCT  CTGGGGACTG  TCATACTAGG  CTGAGGACTG
480001   TCATACTAGG  CTAGGGACCA  TCATACTAGA  CTGGAACTGT  CATACTAGAC
480051   TGGGGACCAT  CATACTAGGC  TGGGGACCGT  CACATACTAG  GCTGGGGACT
480101   GTCATACTAG  TCTGGGACTG  TCATACTAGG  CTGGGGACCG  TCATACTAGA
480151   TTGGGGACCA  TCATACTAGT  CTGGAACTGT  CATACTAGAC  TGGGGACCAT
480201   CATACTAGGC  TGGGGACCAT  CACATACTAG  GCTGGGGACT  GTCATACTAG
480251   GCTAGGGACC  GTCATACTAG  ACTGGAGACC  ATCATACTAG  GCTAGGGACC
480301   ATCATACTAG  TCTGGAACTG  TCATACTAGG  CTGGGGACCA  TCATACTAGG
480351   TTGGGGACCA  TGTCATACTA  GTCTGGGACT  GTCATACTCT  CTGGGGACTG
480401   TCATACTAGG  CTGGGGACTG  TCATACTAGG  CTAGGGACCA  TCATACTAGA
480451   CTGGAGACCA  TCATACTGGG  CTAGGGACCA  TCATACTAGG  CTGGGGACCA
480501   TCATACTAGA  TTGGGGACCA  TCATACTAGG  CTAGGGAAAA  TCATATAGGC
480551   TGGGGACCGT  CATACTAGAT  TGGGGACCAT  CATACTAGGC  TGGGGACCAT
480601   CATACTAGGC  TGGGGACCAT  CATGCTAGGC  TGGGGACTGT  CATACTAGAC
480651   TGGGGACCAT  CATACTAGGC  TGGGGACCAT  CATACTAGTC  TGGGGACCAT
480701   CATACTAGAC  TGGGGACCAT  CATACTAGGC  TGGGGACTGT  CATACTAGGG
480751   CGGGACTGTC  ATACTAGGCT  GGGAACCGTC  GTACTATCCT  TATCCTTCTA
480801   TGTTCTCCTG  CCCTTTCAGT  GATTTCTCCC  CTCCCCCATC  TGTGCATTAA
480851   TTATTTTGTG  GGTGTTTTCT  CCTCTTTAAT  CTTGGTAGTT  TATTCCAAAG
480901   TAGGGTAGAG  GAGATGTTTC  ATTTTACCTT  TTAAAAAACA  GAAGAGAAGT
480951   TTGACTCTTG  TTATCATGCC  AATGAACCTG  GAAGACATTC  TGCTAGGTGG
481001   AAGCATCCTG  TCACAGAAGA  ATACATGTGA  TCCCATTTGG  GTGAGGTGCC
481051   CCTTGCCTCC  ACCTAACTCC  AGAGCCTTTT  TGTCCTCTAC  AAATAGTAGC
481101   TCCTCCTGCC  TCCCTCCCTT  CAACCTCGGC  ACCTACCATT  TAACACTATG
481151   TCTCAATGCA  GTTGGGCATC  CGATGGGTAA  ACGGGATGAT  GGTCCTTGGT
481201   GTCTCTCTGG  CATCGCCTAG  CATAGCATCT  GCAGATACGT  TCATGTCACA
481251   GCACAGAAAA  GGACAGGTGT  CAGCACAAGA  CACCCTCAAC  ACCAAGTTCT
481301   CACCACAGCC  ATCACTCCAA  CCCGGGTTTT  CTTCTCTTAT  TCAGTTCACT
481351   TAACACATAT  TTATGGAGTA  CCTTCGACAT  GATCTACCAT  CTTTGGACTG
481401   CCCCGTGCTA  TTGAAGAGAG  GAAGACAGGA  AGTCCCAGTG  CCCAAGATTA
481451   CACACAGACG  GAGACTAAAC  GGGCAGTTAA  GTGAGGTCGC  TTCAGGTTGC
481501   CCTGAGTCCT  CGGAAGTAGC  TACAGCAGGG  AGCAGGGGAT  CTACTCACTG
481551   CCCAGCAGTC  TCAGGGGAGG  GAAAAGTGCG  CCCACGGTGA  TAACTGAGGC
481601   CTTAGCAGGG  ATGAGCAGGC  CACCAAGGAG  GCCGCGGGAA  GAGCATATGG
481651   GTGAGGAAAG  GTCCAGTTAG  GGCTTGGTTA  AAGAAGGGGA  ACGAGACTGC
481701   CGCCATCGTG  AAATGAGCAG  AGAGCAGGCG  GCCAAGGCCG  GCAGGGCAGA
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163

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481751   CCACGAAGGC   AACAGGAAAG   ACGCTGCCCG   CTATAGGAGC   GCACAGGAGG
481801   AGCAGTGGTC   TGAACCCCTT   ATTCAGAGCT   CTGCCTGCAG   TTGCAGGTAG
481851   AGGTGATGAC   CTGAGCCTCT   GCCTTCTTCT   GCCTTCATTG   TTCTGAGAAT
481901   GACACAGGCA   GGGCCACAGA   GAGCCCACCT   GCCTGCTCTG   GGACTACAGA
481951   TAACATGGAT   GGTGGAGGCA   AACTTCTCTG   TCTTAGTGAG   GCTAACAAGC
482001   ATACTGGACT   TGTCTTAATC   TTTTTTTTTT   TTCTTTCTAA   CTATCCAGGA
482051   CCCAGTCCTG   ATTGCTGAGT   AGATATTTCC   TTGGAACTGA   AGCATATGCC
482101   CACCTCCACC   CCAACTCGAA   CAGAGGCTTG   TTAAGGAAAT   AAACAAAACT
482151   TCTGAGTTTC   AAGAAGCTAT   GGAAATTCAC   AAGAGGGGCC   CTCCCTTCCC
482201   AACACCATAT   AAGGAGTGAC   ACTTTTTTTA   AAAAGATTT    ATTTATTTAT
482251   TATATGTAAG   TACACTGTAG   CTGTCTTCAG   ACACTCCATA   AGAGGGAGTC
482301   AGATCTCATT   ACGGATGGTT   GTGAGCCACC   ATGTGGTTGC   TGGGATTTGA
482351   ACTCAGGACC   TTCAAAAGAA   CAGTCAGTGC   TCTTAAGCGC   TAAGCCATCT
482401   TTCCAACCCG   AGCAGTGACA   CTTACTGGAG   GTAGGAGGCC   GGGGGAGGGG
482451   AGATGGGACT   GGAGCCCAGC   CAACCTGGGT   CACACACACC   GGAGAGTTGT
482501   GCAGAAAGCT   CTGGGGATTA   TGTGGTTAGC   AGTTTGGGGA   TAAGCTTTTT
482551   CAGCAGTGCC   ACAAGCCTTT   GTGTCACCAA   GTAGCCCTAA   TAAATTCACT
482601   GGCTCACCAC   AGTAGAATTG   TTCCTTTGGT   CTGCCGTGGA   TGTCCTATCT
482651   GGGTCAATAG   ACATTTCTTC   ATGTCTCCCC   AGAACACACT   AATTCTTAAT
482701   TTCACCTGTT   CTTAAAGGCC   CAGACCCAGA   ATCATCCCTT   TGTAACACCT
482751   CTCAGCCAGC   AGCCTTCCTC   CTTGGTCTCT   AAGGTCCTTC   CTGCATCCTT
482801   GGTACCTGCA   TCCTGATACC   TGCTCGGCAA   GCACTGAGAA   ACAGCTGCAG
482851   CACCCAGATG   GGCATCTTGT   TTTTAGAGCG   TGTTAAGCCT   CACAGGCAAT
482901   GAGTGATGTG   AATTCAACAT   GCAAATGGC   TGGTGCTCAG   CCCAGGAGTG
482951   TGGTGCAAAG   CTGGAAACAG   AGTCTAGCCA   CACTCTGCCT   CTGGCTTCAC
483001   CTAGAGAAGG   GCTATGCGGA   GAGCAAAAAC   TCGCAACTTC   CTTTGTTAAG
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483101   AGGTAAGGCT   TGTTGTCATC   CCCACCCCCA   CCCCATTCTG   CCTCTCCTCT
483151   CTGGCTGTCA   TCTCAGGCAT   AGCTCACTCT   TATCCCTACA   AATATCTCTT
483201   CAGTTATCTC   CTTTCCCACA   AGTTACTTCA   CCCAAACCAG   CAAGCCAGCC
483251   CGCTTTCCCA   AGCCAGGTCC   CTGGCATCCA   GAATGTGCCT   AATAAAAACA
483301   CATGTTGTAA   AACTAAATGA   ATGAATGAAT   GACTTTTTTT   CATGCAAAGA
483351   AGAACGAGCA   AATCAAATGG   GGGAGGGGCC   GGAGGCTCCC   AGATTTTAAA
483401   AGAATGTATT   GCATTGATAG   ATTAGATTTT   CTCTCTCTCT   CTCTCTCTCT
483451   CTCTCTCTCT   CTCTCTCTCT   CTCTCTCTCT   CTCTCTCTGT   GTGTGTGTGT
483501   GTGTGTGTGT   GTGTGTGTGT   GTGTATGAAG   CCCGGCAGGA   CTCTCCATTC
483551   CGAACAAGCT   TTCTTTAACT   GGTTTCTCAG   TGGGGTAACC   TCTCATTTCC
483601   CAGGAGCACC   AAGAAAGGCA   AATCAATATT   CACTTAAGAT   AGCAATGTGC
483651   CCTAGAACCA   CAGGGGCCAA   AGGGGTAGAA   CATCTCAAGA   CCGCGTCCAA
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483751   CCCCTGGTGC   TTCACAAGAC   GGCTGGGTAA   AGATTCGGGC   TGGCCTCAGG
483801   CCTTGGCCCA   GCAGGGAGCT   GAGACGGGGG   AAGGGCGCCC   TCTGCCGAGG
483851   GTGAAGAAAA   ATACAACCTG   GCAGTTGGTG   AGCCCTATGC   CTAGATTTCA
483901   CTTCTAGAGG   GCCATTTAAA   ACAAAAAACA   AAAAAAACCT   CAACCAGAGA
483951   TCAAGCCAAG   GAGCTGTTCC   TCACAAGCCC   TCTCTTAGCC   CCTTCCCTTC
484001   AGCCCGGTGG   CTAATTGCAG   TCCTTGATCC   CAAGGAGACA   GTGTCCCCCC
484051   ACTCCTGAGG   CCTTCGTTTC   TAAGAAAAG   ACGGCCGATT   ATTACTTTTT
484101   TTGTTCCCTA   TTACCTTCCT   CATCTTGGGC   TCTAGAGCTC   CGGAGCTAGG
484151   GGTCTTGGTC   CTGAGAAAGA   TCTCAGACAC   TTTTGAGTAG   GAGGGAACTC
484201   AGACACACCC   TAAAGCCACA   CACACACACA   CACACACACA   CACACACACA
484251   CACACACACA   CACACGTCAG   TTGCCTGTCT   ATAAAACTGC   GAGGCTGTAT
484301   TCGACAGTCG   GGAGGTTCCA   ACTCTCGTGG   TGCCTGCCTG   GTGTCCTATT
484351   TTAGACCCAG   AATGCCGTCG   TCCGCAGAGA   GAGAACAGCG   GCTAATGAGG
484401   GATCGTGAAC   CAACAGAAAC   AATGGCTGGG   GACCACCTAA   GCACTTTCCT
484451   CCCCAGGGA   AGGTAGAAAT   GGCTTTCTAA   GGACCTGCGT   CTCTTTATTG
484501   AATCTTGAGT   GACACCTAGT   GGTCCACCCG   CCTCACCGTT   GCCGAGGCTT
484551   CTGCTCAGAG   GAGCTTTAAG   TAAACTGGAG   CTCATCTTTG   CCTTCAAAGA
484601   CCTGGGGAAT   CAAAGACAGC   CTCGCTGAAG   GTTTCTAGCA   CTTCCCCGCA
484651   AGCATTGTCC   TACGTGATTC   CGAAAGAAAC   GCTCTTATCT   GGAGAGCTTG
484701   CTCAACTGGC   ACATCGTTCT   AGCAGCGAAT   GTGTTAAGCT   AGACGCTCTC
484751   CTAGGTACTG   GGAACACAGA   TGTCCCAGTC   TAGGCTCCTG   CTCTCTAGAA
484801   ACAGCCTAGG   TTGGTGCAGA   AAATGGACCC   GGGTTTGGGG   GAGTGTTTTA
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164

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484901   TGTGGATGGA GGAGAGCAGT CACCACTTGA GCTGGGTCCT GGAGGTCAAG
484951   TAGCGTGACA GAATAAAAGT GGATTGACAG CCCACAATGT ACACATCCTT
485001   CCACTCCGTT GTTCAAACAA TGAACTTGAG GGCTGCTGGG AAGAGAATCT
485051   GTGGGTGTGG TTAAGATCCC CGGGTCTGCC AATCTTAAAA ATCTAAAGCT
485101   TGTCCAAGGC AGGCCTCGCC CAATCAGCTG AACACTTTAA AGGGACTGGA
485151   ATGTTCCTGG CAGAAGAGAT TGGAGACTCA AAAGGACTCT TGTGGAGTTT
485201   TCTCTGATTG GTTGTTCATT AGGAATTTGG CTAGCCGGGA GAGAGCTGAG
485251   AGCCAAACTG TGAGAAAGTG AGTTCTGACA GTGGCCAGGG CGCTGGGACA
485301   GAAGCCAAAG CTTGCTTTGC GAAAAACCAA GTCCCAGCTG ACGCCTGAGT
485351   TTAGCTTTGC AACACCACAG AGAGAGGACT CAGGCTGTCT GTGCTGGTCT
485401   ATAAAACTAT GATTAACCAA TTGGAGGGGA TTTAAGCTGA TAGCTATGCA
485451   ATGTGTTCAG AAGCCACAGA AAAATGGAGG GGGTTGGCCA CTTGGAGAAC
485501   AAAAGCCATC TGGCCAGCAG GACCATGCAG GCAGACGACA AAGGAAAACG
485551   TAGCATTGAG AACAGGCTTT GGATGGGAGG CACAGTGTCC TTGGACAGAC
485601   TGATGGCTCC CTGTACCCCT GTGTTCACAG CGTAAAATGG AGTCGTCAGT
485651   GGTTTAAACC TAGAGTTAGT GGTGTGCCTG CATAGACAGG GCTCGATACA
485701   GCTCAGGAAC TATCAAGTGG TCAGAAGATG TTAGGCAACT CTAGTTGTAG
485751   CTCTTAATCC ACAGACAAAG CACTGGGCTG AGAGGCCTTG GTCATGGGTT
485801   GGTTTTTTGT TTTGTTTTGT TTTGTTTTGT TTACTGGGAT AGGGGGCATC
485851   TAAGACTATA TATCCCTGAC CCTACCTTTG TTCTTACTAA ATCAGACTCT
485901   ATAAGTAAGG CCCAAGGACC TGAACTCACA AAGAGCTTCC AGAACGAGAG
485951   GGTGTAACTG CACCATTGCA GTAGTTATAC ATCAGTAAGC AGCTGGTAGA
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486201   CAGAAACACT CGAATTCAGG AACCATACTG GGACCGGAAT TACAATGTGC
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486351   AAAGGTGCTG AGTGGGACAT GGGCCAAGGG AGACACTGGT CACCAGTGTC
486401   CCTGGCCTTG GAAGATTCCA AAGGGACAAA GTCTGGGAGC TGCTCCATCA
486451   ATGGCAAGGT CTGCAGCACT CACAGACTAT GGCTTGGGAA TGGACAGGAA
486501   GCAAGAGATG GGTTGTGCTC TTTGGCTTCA GAAGCGAAAA GGGAAAACAG
486551   GGTAGAAGCT AGAAATGGGT ACACCCTCAC CCTGCACCAA TTCCGTTGAT
486601   GTGAACCTAG ACACACCATC CATAAACACG GCTGTGGCAG GCCGCCAAGA
486651   ACCTGCTAAC CTTGAACTGC ATAGGGCAAG AAGCATAAGG CTCTAAGGAA
486701   AGAATGGTTA CCTGGTTGCC AGGCCAAGTG TGCAGTTATG CTCCAAAGTG
486751   TGCCACAGAG TTCAGGAGGT AAAAAACGAC AACTGGGCAG GGGACCTTCT
486801   CTCTGGGGAC ATGAGTGCTG GCTGGCCAAA GGACACTGAG TTGCAGAAGT
486851   CCTAGCTAGG GTGAAAGAGC ACAAATTCTG TGAGGACCAA CTGTATGCTC
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487001   AGTGGTGGTT CACAGTGAGG GCTAACACAT GGCAGCGGGC CTGAAGAGTG
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487201   TGGTTGTCCT CATGATGGAT GGGTGTGGAT CATCAGACAC ATGGAGCTTT
487251   ACCCCCGAGA CCATGTCCAG GCAGCTACCA CCGAGCTTTC TTCTCTGTAG
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487401   CTTAATTTCT AAAGTGAAAT TCAGTAGCTA AGGCAAGCAC GGCCCCTCTG
487451   CTCAAAGAGG AAAGGATTCA GAGCTGAAAT GCTGGAACCA CACCGCCTAG
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487651   CCACACACAC ACACACACCA CATGCCACGC TGCACACCAT ACCACATACA
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487801   CTACACCATA CACACACTAT ACCATATACA CACACAGACA CCACATGCCA
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487901   GCCACACTGA ACATCACACA CACACATATA TACATACACA CACACACATA
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165

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488151   CGCAGCAGCA  GCCTGTGTCC  GTGCCTGTGT  TTATCCCCGA  CCTGAAGCAC
488201   CATGGAGTGA  TACAAAAACA  TGGGCTTTTA  TAAGAGGAAA  TCCTGAGTGT
488251   GGGCAGCCCC  TGTTCTTCAT  ACTAGGCAGT  GACCCCTATC  CGTTCTCTTC
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489251   CAGGAAGGAA  GGCAGTTGTC  AAATTCCTAA  TTTTTCCCTT  TGAAAAATTA
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489651   TTAGATACAT  AAAATATTGT  TTGTTTGTTT  GTTTGTTTGT  TTGGGACAGT
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489751   AAATTCACCT  TGAACTTGTA  AAAATTCTCC  TGCCTCTGCC  TCCCAGGGGG
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166

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491101   CCTTCTTCTC TTCCTCCAAT CCAAAATCCT AGCCCAGGGA ATGGTGCCGC
491151   CCACAGTGGA CAGGTCCTCC CACTTCAGTG AACCTAATCA CAGTAGTCTC
491201   CCAGTGTCAT TCTCAGAACT CCATCTCCCA GATGATGCTA GTTGCATAAT
491251   CTTTCAAGTT GACAACTGAG ATTAACGATC ACACCACCTT ACAAGAGATC
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491351   CTTGAGTCTT CCTGATGGAA TAACCCTACC CACATCCAGC CTGGGCATAG
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492201   GAGAGAACCC ACGTCCGGCC AGAGTTCCTG TGCTCTGGGC AGGTGGATGC
492251   GGGAGGACTG CTAGATGCTT TCCACTTGGC CCCTGGTGGG CATCTGGCTG
492301   TGTGAAGCCA CTGACCCCAC ATGGTAGGGG GTGGACAAGG GGCAGCCCCT
492351   GATACAATGG GCCCCAGGGT GACACTCTCG GCTCCAGAGA TACAAGTGGA
492401   GGGCAGAGGA AGAGAGGTTC TCATGCAGGT GAGGGTCCTT AGTCTGGCCA
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494101   CCTCTCTTTT GATGGACAGG TCAGAAAATA CAGATTGATT TGAAAGCCTA
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167

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168

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498251   CAGCCTCCGT   CTCCATGGAG   CTGAGAGTTC   TGTGCTGCTT   GCGCTTGCGC
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498951   ACTCTTAGCT   GTGGAGCCAC   CTCTCCAGCC   CTAAGCTCAG   CTTGTCTTTA
499001   ACAGGGAAAC   GCTGAACGCC   CCATAACCCC   AATCAAGCAG   AACCAAATTT
499051   GTCTCTAGTG   TGGCTCCTCT   TCCAAGCCTA   GCCTCATCAG   CGACTCTTTC
499101   TGCTCCGCCA   GCGTTCAACT   TAGCCTTGAC   TGGAGGGTTT   CTTTCAGAAT
499151   ATAGTAGTAC   TTTCTGCCAG   GGAAAACTGT   TTTAACCAAA   GCATGAGCTT
499201   AAGTGACAGA   CAGGAGGAGC   AATATTAAGT   CCAATCAGTT   AATATTGAGT
499251   TGTCAACTTT   CATATGCTAG   GGGGAAACTG   TGTAGAACAT   CAAAACTATA
499301   GGTTTTTTAT   TATTGGCTAC   GGCGGCCCAA   GCTGTAAAAC   GGGAGTTAAT
499351   GGAGAGCCAG   CAAAGAGAAA   CGCACTAAGT   AAGTCATGAT   ATGCATGCTA
499401   TGTAAATGTG   ATAAAAATAC   CCGTGAAGTG   GCGCATACAT   ATATGATGTT
499451   TGGAAAACAT   AAGAAGCAAT   TCTGCAACAA   GTCCAACTCG   GCTCCTGGGG
499501   AAGGGCCAGA   GAAAATTAGC   TGGCTCATGG   AGGGATCTCA   GGCATGGATG
499551   TGTGTGTTGA   ATTCTGGATC   ATCAATCAAT   CTTTGCACTT   CTGAATCCTG
499601   AAGCCTCCTG   GAGTCTCAGA   TCTAAGTTTA   AAGACGCTAT   ACTTGGTCTC
499651   TGGCAGGGAA   AGGGACTTTG   TTATAACCAT   CGGGAAAATT   TACACACACA
499701   CAAACACACA   CACTCGAAAA   CACATAAAGA   GTCCACTATA   AGAATAAAAA
499751   CTGGGAGCTG   GAGAGATGGC   TCAGAGGTTA   AGAGCACTGA   CTGTTCTTCC
499801   AGAGGTCCTG   AGTTCAATTC   CCAGCAACCA   CACAGTGGCT   CACAACCATC
499851   TGCAATGGGA   TCTGATGCCC   TCTTCCGGTG   TGTCTGAAGA   CAGCTACAGT
499901   GTACTCATAT   AAGTAAAATA   AATAAGTCTT   TTAAAAAAAA   TAGTAAAAAC
499951   TGTTCCCTGT   GGCATTGTGT   GCAGAAATGA   GAGGGTGAAG   AAAGGACAGA
500001   GATACATGCT   CAGAAGAACT   GGGGCCGGGC   GGGCTGGCCT   CATTCTGCTG
500051   GATGAAGTCG   CACCAACAAT   ACAATAATAA   CCCAGAATCT   CAGACCATGT
500101   ATTATGTACA   GTGCCGGGAA   AGGAGTTAGC   TGGGCATGGG   AGGAACTGTC
500151   TATGGGCAGC   CATCTCAGGC   TGTGAGCATC   CAGGAGGAGC   AAGCTGCAGC
500201   TGCTCTGATT   GTGCGCATCC   TGGTCAATCC   TTTGTGAACA   CCAATGCTTG
500251   CACTAGGACC   AGAGGAAGGC   TTTGTCATCC   TTCGGAACCT   CACCCAGGGA
500301   AGGCATTGCC   ACTCCTGTGG   GTCTGAGGCA   GTGAGGTCCT   TGCTGTGGCA
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169

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500351  TTGCCTATGT  AGAACAATAC  TCGAGGGTCC  CTCCACTACT  CACAGTCGCC
500401  CCCTGCTGGT  TGCTGTAACT  TTTCCTATCT  GACAAAACAA  CCCAAGTTCA
500451  TCCCTAGGCT  GCCGATGCCT  TGTAGCCCTT  TGGCAGGCAG  GAACTCATTG
500501  GAAACCACTA  AATATGTTAG  CTTGACTAAA  ATGTGGGTAG  GGATAAAGAG
500551  GCCTCTTTCC  CCTGTGCAGT  ACATTATCAT  GCATAGACCA  CAGTCAAGTA
500601  GTTTGGGAGC  AAATGTTTTG  GGTTCAAATC  CAGCCTTTCT  CGTTACCTGT
500651  GTGATCTTAG  GCAAGCCATT  AACTTCTCTG  TGTTTGAGTT  GCCTCCTCTG
500701  TAGGATGGAG  ATAGGGCTGT  TTGCTGCATA  AGATAGATTT  TCATATAAAT
500751  TAAATGAGTA  TCTATACACA  AACCACTTAC  AACAGAGCTG  GCACACAGTG
500801  AAGGTTGTAA  AAATGTGACC  TGTTGTATGA  GCAACAATAG  TCTTCCCTCT
500851  TATGAACTAA  GATAAAAATC  TTTTCCCCTA  GACATCATTA  ACTCAGCCAT
500901  ATGCCTTTTG  CAAAAACCAT  GAATTGCAGT  CTTTCCCCCT  ATCCTTCCAT
500951  AGGAGTCCCC  GAGCTCCATC  CACTATTTAG  CTGTGGGTCT  CTGCATCCGT
501001  CTGGATTAAC  TGCTGGGTGG  AGCCTCTCAG  AGGACAGCCA  TGCAAGACAG
501051  GAGTCTTCAA  GCATAACAGA  GTATCATTAA  TAGTGTCAGA  GATTGGTGCT
501101  TGCCCATTGG  ATGGGTCTCA  AGGGGGATTG  CCCAGGGTGA  GAAGTTCTCA
501151  CCCTCTCAGA  GGAGAATGGG  ATCTGATGCC  CTCTTCCCGT  GTGTCTGAAG
501201  ACAGCTACAG  TGTACTCATA  TAAGTAAAAT  AAATAAGTCT  TTTAAAAAAA
501251  TAGTAAAAAC  TGTTCCTTGT  GGCATTATGT  GCAGAAATGA  GAGGGTGAAG
501301  AAAGGACAGA  GACACATGCT  CAGAAGAACT  GGGGCCAGGC  AGACTGGCCT
501351  CATTCTGCTG  GATGAGAAGG  ATTATGGGAG  GGAGTAACTA  GGAGGGGGGC
501401  AGGGAGCAGG  ATGCAAAGTG  AAAAGAAAAA  AGTATATACT  ACTCATGTGT
501451  GAAACCTAAA  AATAAATAAA  TGTTAAAAAA  AAAAAAGATA  AATAAGTGCC
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501551  CCCTACTGAG  TAGGGTTGGG  GGCTGGGCAT  AAGAGGTTGT  CGCTCAGCAA
501601  GCTCTGCCAA  AAGAGAAAGT  TTTCTGTCCC  TGGTTGATTT  GGAATTTGAG
501651  GAAACACTAA  GCAAACACCA  TATGACAGTT  ATTGAAGTTA  AATGAAGCAA
501701  AACTTGTGTG  ACAATGTCTG  AAACAAATGG  GAGCCTTGCA  GAGAACAAAT
501751  AATTAGAATC  CTGTCAGACC  CAGTACATAA  ACTTCGGCTC  CCAAACGGTC
501801  GGGGGGGGGG  GCAGTTGAGG  CTTGGAAAGT  CTACCCCTGC  CGTGGAGCAG
501851  AGTCCTGGCT  GAAGTCCAGA  AGAATGGAAT  CCTGGTAGAA  GCTTCCAGAA
501901  GAGAAACGAC  CAAGGACATG  TGAGTTACAC  TCCGATACAC  ATCATGTTTG
501951  AGGAAGCACG  GGCTGTGGAT  AGAAACTGGA  AAAATCCATC  CAGGTTCAGA
502001  GCCATTGGAA  TCCGGCTACT  TCTCTTTGTG  AAAACTTAAG  TCACTTGATG
502051  TCAGCTTACC  TAAGTTGTCC  TAACTCATGG  TATATTTCTG  TAACCTCCTT
502101  TGGGTCTGTT  AGCAAACCA  GGGCAACATG  GTGTACCTGC  TAAGTGGCCA
502151  CTATCAGAAG  GCACACATCC  AAGGGCAGTC  ACTTAGCTCT  CGTCAGGGAG
502201  AATTAACTCC  TGAGGTGGCT  ACACTTCCTT  CCACAGAGGA  TATGTCAATC
502251  AACAGACAGC  GCTTCTTTTT  ATTTGTAAAT  GAGTACCAAC  GTTTGTTTTT
502301  ATTGCTGAAA  TTAATGCCTT  GTCAATTAGC  AAGCTACATG  TTAGAAAATG
502351  ACTCATTAAA  GATAAGTCAA  GATGTGTGGT  TGGCTCAAAA  TGCTGAGAGA
502401  TAGATAACGC  CTCCTCCCCA  ACACACACTT  TTGGAACCAC  AGGGAATAAG
502451  AATGAGGTTA  GGCCTCTGAG  GTGGTGCCCA  GTGTTTAATG  ACTCCTCCAT
502501  TTGCCTTGAG  AAATGTTTTC  TTGTGTGCTG  CCCATCAGGG  TCCAGGGTCT
502551  AACCTCACAG  AGTTTTTCTG  TAAGTAGTCT  TTTGTCCTGT  GTATTAACGC
502601  ATAGAAAGG  CCAGAGATAC  AGAGCTTTAC  CCAGTCTGCA  GCCCCCTTAT
502651  ATGCTCCTGT  GGCTCATTAA  TTGCTACCTA  CAACTACAAG  TGAGGGAGAA
502701  GGCAGCTTGT  TCGTTGTCTT  CAATTCCACT  AGGCCCTACA  GTCTGAGGAA
502751  TGTTCTAGTA  CCTCAAGCTG  TCTCCTGGCT  GTTGCTACTC  TCCAAAAGAA
502801  AATGCAGTGT  GTGACTGACC  TAGACTAGTT  GGATTCTCAA  GCTAGAACTT
502851  CATGGAATCC  AGTCTTAGCT  TGCTCTGGTG  TGTGTGTGTG  GTGTGTGTGT
502901  GCTCATGTTT  GAGGGGTGTG  GACTTATGCA  CAGCACATCA  ATAGATTCCA
502951  AAAGATAGCC  TCAGATATTA  TTTCTCGATG  TCTTCCATCT  TCCTTTGAGA
503001  CAGGGTCTCT  CATTGGCCTG  GAACCTGACC  ACGTATACCA  GGTTCACTAG
503051  CCTGTGTGCA  TCCAGAGATC  TTCCTGTCTC  TACCTCTCCT  TTCCTGTTAC
503101  TAGGACTACA  GGTGTTCTGC  AAAGAGGTTG  CTTCGTTTTG  CAGGTTATGG
503151  TGATCCAAGC  TCAGATCTCC  ATATTCATGT  GCAAGTATTG  TACAAACTCA
503201  GGGATGTTCC  TGGCCCCAGT  TCTTGACTTT  TGTGTATGCG  TACATGTCCC
503251  AAATAAGCTT  GCCCTTCTTT  AAGTTGTTTT  GCCTTGTGCC  TTGTTACAAT
503301  AGCAAAAAGA  GTACCCATA  TGAGGGAAGA  AAATGGTTGT  ACTTAGCCAT
503351  CCCCCCTCCC  AACCCCCCCC  CCTCCCGCAG  GGATGGCTAG  GTGTAGTGAC
503401  AACTTTGGAA  TCTTGGTTTC  TTTTAAAAAA  CATGGAAATA  TTATAACAAT
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170

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503451  ATGTTCTCGT  TTTAATCCCG  GGTGAGGATA  AGAGGCTGCT  TCACAGCAGC
503501  TGACTGTGAT  TTGCCTCATG  CTCTAGCAGG  GGTGTGATCT  TGCCAGAGGC
503551  AGATAGTTTC  TACAATTGTG  TAATGTTTGG  AATTCTGGGC  CCCACGAGAG
503601  GTTGCAGGGG  GCGGGGGGGG  GGGGTAGTAT  TTGCTGGTTG  CTGTTGGTTG
503651  TGGTAGGTTG  CTGTTTTTAA  GTAGTGATGC  ACAAAGAAGA  AGCAACAAGA
503701  AGAAATTAGA  TATCCCAATG  GTAAAGATCA  AACTTACCCC  CAAGGAACTC
503751  GACGCCTATA  ATCAGCAGGA  AGCAGTCTAC  CAATAATGTT  ACCCTCTTTT
503801  GACCTCTGAC  TTTATTTGGG  AATCTCTTTC  CTTTTCTCTA  TTATTTTTCA
503851  CTCTTATCTA  GGGTTAGGGG  GCTGAAGGGT  GGAGGAGGAT  GGAAGAAGAA
503901  AGAACCCACA  AAGTCGCAAA  AGGCAGCTTC  AGACGGCGGAC  TTAGCACACT
503951  GGCAATAAAG  CACCAAATGA  CGCACGGGAC  ACTGATTTGG  GGTCAAATTT
504001  GGAAAAACCA  CGATTCTTGG  TTAGAAACTG  AGAACAACAG  AAGAGAGGAA
504051  CCATAGTCAT  CCCTGATGAG  CTGACCCTTG  GCTTAACTGT  GCCAGCAACA
504101  GAACAGTGTG  GATATAGCAA  GAATCATGTT  ACTCTTTAGT  GTTGTAGAAG
504151  CCAGAATGGG  TTAAAGGCGT  TGCAGGTTGT  CTGCTTCTCA  GGGCTCTGAT
504201  GGCCTGTCCT  GACACATCTT  ATATTCTAAC  TGCATTATAG  CTTCTACATC
504251  CGGAGTCTTA  TAAATTGTCT  TCTTGTCCTT  TTCCTTAATT  CCAGGGTCTC
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504451  GGGCAGCTTC  TTCTTTCTTC  TTTTTTCTCT  TCTTCTTCTT  CTTCTTCTTC
504501  TTCTTCTTCT  TCTTCTTCTT  CTTCTTCTTC  TTCTTCTTCT  TCTTCTTCTT
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504651  CCTCTTCTTC  TCTCTCCCCT  CTCCCCTCTC  CTTCCCTCTC  CCCTCTCCAC
504701  CCTCTCCTCT  CTCCCCTCTC  CCCCTCTCC  TCTCTCCCCT  CTCCCCCCTC
504751  TCCTCCCCTC  TCCCTCTCCT  CCTCCTTCTT  CTCCTTATTA  TTATTATTAA
504801  TCAATCATAT  ATATGCATGT  GTGTTTATGG  AAGAATATGT  GCATTTGTGT
504851  GCACGTTTCT  GGGAGGCCAG  GAAAGGGTGT  TGGATGCCTT  AGAACTGGAG
504901  TCACAGATAT  GTTGAACTGA  GTACTGGACA  CTGAACTTGG  GTTCTCTGTA
504951  AGAGTAGCAT  GTGCTTGTAG  CCACTAAATC  ATCTCTCCAG  TCCCTAGAGC
505001  AGTGGTTTTC  AACCTGTGGG  TCATGACTCC  TTTGGAGCCA  TCACATACCA
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505101  GCAATGAAAT  AACTTTATGC  CTGTGGTCAC  CACAACATGA  GGAACTGGAT
505151  TAAAGGGTCG  CAGCATTGGG  AAGATGGGAA  CCATTGCTGT  AGAGAAAGGT
505201  GTCTCTATGT  CTATATGTCT  ATCCTACACA  TAGACAGTAC  GGGAGGACTG
505251  TTCTATGGTC  TTTATGAATG  AAAGAAGCCA  ACCTTCTTCA  TTTACATTTC
505301  AGTTAAATTA  ATTTGCATAT  TCTTTTGCTG  AGTTGTCTGA  TTGAGCACAA
505351  GTCAGGTTAA  TGGCTCTCAA  TCGTGTCCCT  CTGAATTAGT  GGCACATGTA
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505451  CATGGGAGGC  AGAGGCAGGA  GGATCAAGAG  GTAAAGGCTA  ACCTGGACTG
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505651  TGACTTAGAG  TTCTTTGGGA  AGACTCTCAA  GTAGTATATA  AAGAGATTGT
505701  GGTAGATATC  CACAATGGAG  CTTCATACAG  CTGTAAAGAA  AAATGAAGTC
505751  ATTGCGTTTG  CAAGAAAATG  AATGGAACTG  ACGATCATTA  TGGTAAGCAA
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505851  AAACCTAGAC  TTAAAATTGT  GTGTGTGTGT  GTGTGCGCGC  GCGCGCAGTG
505901  TGACAAAACT  AGAAATATGA  AAAGGAGGAA  AGAGATCTTA  AGGAAGGGGA
505951  GGAAGAGGAA  TGGGACGTGT  ATGTGGAAGC  AGAACGTAAC  TCTTTGCAGG
506001  AAGGAAAGGA  AGGAAGTGGG  CAAGGGGCCT  AGGGGAAAGA  TGGAGGCGGG
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506101  AGCGAAACCA  GTTATTTACT  ATATTGACCT  AAAACATTCA  TTTAAAAAAA
506151  CGATTACAAA  ACCAAGCAAA  CAACAAAACT  CCACATACAT  TGCAGACCGC
506201  ATCCTCTGAG  AAGCGCTGTT  GGGAGTGCGC  GTGCGCAGTT  TTCAAAGCTT
506251  TCCCAGATGA  TTTCAGGGCT  GAGAGCTGAG  AGCGGGGTAT  GATGGGCTGG
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506351  GTAACAGCTA  GAGAGGGCCT  GCCCTACTTT  AGTGAGTTTA  GGTTCAAGAG
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506451  CTGGTAGCCA  GCAGTCAGGC  CCCACCTGCG  AAGGGGCCTT  GTGTGACATT
506501  TCCACACGGG  TGCACATGGT  CTGCTCGCTG  CAATCCCTCC  ATGCTAAAAA
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171

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506551  TGGGAAGAGA  GTAGGTGGAG  CTCAAAATAC  TTTAAGTGCA  GAGGTGTGGG
506601  CAGCTTCCAT  GTAGCTAGGT  AATTCTGGAC  AAATGAAAGC  TTGTCTCCGT
506651  GCAGCTACAT  TTATTTCCAA  AGAGCTGGTG  ATATTCCCCC  CAGGAATACA
506701  TTCATTTCAC  TCTCAGTTTT  ATCTGCTTTG  AGATCTTTAG  ACCATGGGAT
506751  TAGGGAACCC  CCAGGCAGGA  AGCAAGAGGC  AGAAGAACGG  GAGCTATTTA
506801  TCCTTGCCTC  AGAGTTAACG  CTGGGAGAAA  CTGAAAGCCT  TTTGAATATG
506851  GGAGATAAAA  TGCAAGAAAA  ATACTACCTT  GGTCTCAACA  TCAAACAACA
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507101  CATCACAAAT  TGGCTACAGC  AGAAAAATGC  ATTAAGAATT  ATGATTTTTA
507151  TCAATACACA  TGTGTTATAA  TTTATATTAT  ATTATAAATA  TATTAAAATA
507201  ATTATACATT  TGAAAATATT  AAATATATTA  GAATTAATAT  ATAAATGTAT
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507651  TTCCTAATGG  TGCCACTCCC  TGGGCCAAGC  ATATACAAAC  CATCACAAAC
507701  TCCTACCAGT  ACTGCCATCT  GAAGTAGGTG  TAGGAATCTA  ATCCCAGACC
507751  TAGAGAGCTG  GAGCAGACTG  GGCAAGGATG  AAGAGTGCAT  TTGAAGCAAG
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507851  GTTAGTCAGA  AACATCCACA  TGCCCCTGAC  TGAACCAACC  ATGGGGGGTC
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507951  TGTGAAAGGA  ACTCCAGAGC  TCATGTCTGT  TTTCCTGGCA  AGTTACAGGT
508001  GTGGGTGCCA  TTGAAGTTCA  TTACAGGGTG  GGATTTCTGA  CAGGGCTACC
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508151  TTTCTCCAGA  TGGCTGCAAT  GTATCATATT  CTGAATCGGT  CCGTGATAAT
508201  GATTTCCCAA  CAGATGTATG  CGTGGTGAGA  GGGTGGGGGT  CCTCAGTGGG
508251  GGGAGGGGCA  CTTTGGGCTG  GCTGTAGCTG  ATTCTGGTTC  TGGTCCACTG
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509201  AAGCTCACTG  TGGGCGGTGC  CACCCTTGGG  TTCTGGGTTG  TACTAGAAAA
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509451  GAGCACCAGT  CTTCCATTCC  TCCACTGTGT  GGCATAGTCC  CATGACGTCA
509501  TGATCCCATG  ACACCGCTCA  GCTTGCAGAG  GGGGTTGACT  CTGGTCACCA
509551  GCTTCCTCCT  AATGTGCTCG  AACTGGACTT  CCCAGGAAAT  CTGACCTTCT
509601  GTTTTTTTTT  TTTTTCCTTT  CTACCACTTA  TGACCAATTT  AACAAATAAT
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172

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509701  GATCTTGCAG  TACTGTTCAT  CACCCCCAAA  ATGTTGAGAT  TTAAGCATAT
509751  GTTCCTTATC  TCCTCTAAAA  GACACAAAAA  GAAACATTTT  TTTTAGAGAA
509801  AAGGTAGTGG  GTTCTGAAAT  TTCCTCCTTC  CTCCCTCTTG  CCCCCCCCCC
509851  CCCCCAGCCT  CACTGACCCC  CTGGCAGCTG  TCAGGGTGAC  TTCTCCCCGC
509901  ATCTTTACTT  CTCTTTGCAA  GCTTGGGGAG  AAAGAGGAAG  TATAGGGACG
509951  GGTGGGAGTG  GTGGCGCTGC  TCAAAGATCT  TCTGGAGGTA  AGCCACCTAG
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510051  TTGGGAGCCA  CACGCTTTGC  CCGGTGCTGA  CGGCTTCTTA  AAGACATACG
510101  TCACAGAACA  AGAAGATGAC  ATGTTGACTG  AAGGTGACTG  TAACAGGAGT
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510201  CTGAGCACGC  ACTATGATCC  AGCCCTTTTG  GCCAGGCTTT  GTGGCTGATC
510251  GGTGAGCACA  TCGCTCGCTC  CCCTTCTGGG  GTGAGTGAAA  CAGCAGTAGA
510301  GACCCTCAGT  AGTTAGCCTG  GCAAGTTCTT  TGAGCAACTC  CGCACACTAT
510351  GGAGTGCTCT  GTGGGTAAAG  ACTGTCACAG  GGAGAGGTCC  GAGTGAGAAG
510401  GAAAGGCTGC  TTGAGATCCT  GAGCCGGAAC  AGGCAGGTCT  ACGCAGGATG
510451  TTTCAGTTGA  TCGCAGCAGG  AGAGGGACTA  GAACACTGAA  CTGAAAATCA
510501  GGACGTAAGT  GCCTACCTGT  TTCCTGTTTC  CCAGCTCCCC  TGGTGTCTCT
510551  TCATCTCCTT  TGCTGTTTCT  ACTGGCAAAT  GAGAAGCACT  GAGTGCCATG
510601  CCCGACACAG  GTAATGGCTC  ACACTTCCTG  AGTGCCCGGG  GCTTGCCTGA
510651  GTGTGTTGTT  ATCTGCGCTA  ATTCCTTGAA  TCTTCTCAAA  TTCCCCAGGA
510701  AAGGGCAAGC  AAGGTTTGGG  TCTCCGTGGA  ACAGATGAAG  ATACTATACA
510751  AAACACAAAG  CAATCTGAAG  CTCAGAACTG  GTCACTTGAT  GATGGATAGT
510801  ATCCTGGTCC  TACTTAGTGT  CTCAGTTAGG  GTTTTCATTG  CTGTGAAGAG
510851  ACACCATGAC  CAAGGCAACT  CTTGTTAGGG  ACAACATTTA  ATTGGGGCTG
510901  GCTAACAGTT  TTCAGAAGAT  CCGTCCGCTA  TCATCATGTT  GAGAAGCATG
510951  GCAGCAGGTC  AGCAGACACG  GTGCTGGAGA  AGGAGCTGGG  AAGTCTACAT
511001  CTTGATCCGA  AGGCAACCAG  AAGAGGAGAC  TCCCTCTACA  GGAAGCCAGC
511051  AGCCTGAGCA  TAGGGCCTCA  AAGCCCACTT  AGCAAGTGTT  TGTTGAGAAC
511101  CCACTAAGTG  CTCGACCTGA  CTGTTGAGCC  AAGACACAAG  CTTCACACAT
511151  TCAAAGTCAA  ATGAAAAGTT  CAGTAGACCA  GTGCTTGGGG  GGGTGGGGTG
511201  GGGGACCACC  GGCCAAACAG  ACAATGACTC  TGAAGGTATG  TTCTTAGATT
511251  TAGTTCACTG  TTTGAAAAGT  GAGCATTCAA  AGTCATATTT  TCTTATAACT
511301  GTTTCATGTG  TACATGCCAT  TATCCTTTCT  TCTTATCTCT  CCTCCTCCAT
511351  CCCTTTTGCT  CCTCCTTTGC  TGGGCTCATT  TTTTTCCTAA  ATAAAGTCGG
511401  TAGCTGGCCA  ATGGCAGAAT  TTGTTGTTCT  TTTAAATCTA  AATTGTCTGA
511451  GAGAGATGTC  TCCCCCCAAA  GTAACTTGAT  TTCTTCTCAA  TTATCTATGG
511501  TTTTATTGTA  GTTTTTCTAT  TGTCAAATGG  GTTTTTAATC  TTTTGTTAAA
511551  ATTTTTTTTA  AATTATATGT  CTGTGTAGCT  GTGGGCATGT  GAGTGCAGTA
511601  CCAGAAATGG  CCAGAAGAGG  GCACTAGAAC  ACTGGAGCTG  AAGTTGCAGG
511651  CAGCTGTATG  CTGGGAACTG  AACTTGGGTC  CTCTTCAAGA  GCAGTATGGG
511701  TTCTTCTCAA  ATCGTCTCCC  CTGACCCTAG  GTTTTAATTT  TTTAAAATTA
511751  CAGATAAAAA  ACCTAGTCGC  TGAAAGCATT  CCTAATAATC  AGAATAGTAA
511801  CCGTTGCAGA  GAATTCATGC  CTGACAGGCT  TCTCAGTTGA  GAAAGAACTG
511851  GGTTTTCCTC  ACAATAAGAC  ACTGACCTGC  ATTTCCTAGC  AGAGCTGGGG
511901  CTCTTGCCCC  TCCCACTCCC  GCCTTTTTCA  TTCCATTCAG  AGTGGTCCTA
511951  AAATAAACAG  GGAGAAGGGG  GCCTGCCCGC  CACTCCCCTA  AGCGACCGGC
512001  CTCGTCAGTT  ATGATTACAG  CTCTGTATTT  GTTTTTCAAA  AAGATGAAAA
512051  ATCACAGGAG  TTCCTTATTT  CAATTTTAAT  AGGACAGCAT  TTTCCCCATC
512101  GCCTGAGAGT  GATTTTGTGC  GGTAAGCAGG  CAGCCTCTCC  AGGCAGAGTT
512151  TGATTTCCCT  CTTCCTAAAT  CATTTCTTTT  GTCTGAAGTC  GTGCATGCCC
512201  GCACCCGAGG  AGGCAAGAAC  ACCACGAGAG  AGATTGTGAA  AGATCAAAAT
512251  ATTCAGTGTT  TGAGCAGCAT  AGTCTACGGT  AAGTCCCGGG  GGTGGACCTT
512301  CTCCCTGCAG  CCCCTGCACC  GGACCTTTTC  TTTTATCTTC  CTGTAGCTGA
512351  ACCTGTCTCC  TCATCCTCAA  TCATGTTTGG  CGAGTGCTTT  ACCACTGAAC
512401  TGAGCCCCCA  ACCCTTTTTG  GGAGACAAGG  TCTTACCAAG  TTGGCTAAGC
512451  AGGTCTGAAG  CTCTCCAGAT  CATCTACCAT  AGTCTCCTAA  TTGGCTGAGA
512501  TTTCAGGCCT  GAAACAGAAA  ACCCCACAAC  AATTACTTTC  TTTCTTTGAG
512551  ACAGTCTCTC  CACAGATCCC  ATTGCTGGCT  TTGAAGTCAT  CCCCCTGCCT
512601  CAACCCCTCC  AGGGCTGGGA  TTACAGATGT  GCACCACCAC  GCCTAGCTCA
512651  ATACTACTAT  TTTGTTTGGT  TGATTATGCT  GGAGTCTCAT  GTAGCCGGGG
512701  CTAACCCCCA  AGTCGAAGGA  TAACCAGGAA  CTCCTTATGT  CCCTGCCTCT
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173

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512751   ATCTCTCAAG   TGCTGGAGAG   ACAGCCTGTG   GCACCATGCC   CTGGAGAACA
512801   TGCTTTTTAA   GGAGCAGACT   GTAAGTTGCC   ACATGATTAT   GTGAGTAGTA
512851   GGTAGGGTAC   GACATCCTGA   GCTATTAGTG   GCAGGAGTCA   CAGACTGGCT
512901   CTAGTATTCC   ATATGGACAC   CATGTGGTAG   TGGGACTTTG   GGACAGCAGT
512951   AGTTAGTTTA   GCTCTGTGAA   CTCTGATAGT   TTAAAAAAAA   AATAACATCT
513001   CTATCTCCTG   GAACTATGCC   AGCTGGGGTT   GATGTCAACT   TGCCACAGAT
513051   TAGAGTCACC   AGGGTAGGGA   GACTCACCTA   TAGAAGTGTC   CCGATTAACA
513101   TGAGAGATGT   AGGGAGACCC   ACACGATCTT   GGGCCACACC   TTCTGGTAGC
513151   ATCCCACATA   AGAAGAGCAT   GGCAGGAGGG   CAGCTGTGCT   TTCGATTCCT
513201   GGCCTTCCCT   CTTCCTCTGA   GATCGTCCGC   CCTGTTGCTG   CTTCTGTTGC
513251   TGCTACTGTT   GCCCCTTCCC   TGGCTGCAGA   ATCAGCGTTT   CCAAACTCTC
513301   ATCGTGGACT   AAGAACCGGC   AGCTCCCCAG   GTGCTTGCAG   TCATTTGGTG
513351   CCAGATTGGA   AGTGCTGAAG   GACCCAGCTC   TATGGTTGTT   GGGCCCCTGT
513401   CCCAACCCTA   GCAAGTGACA   GCCATTAGGG   GGACTCCTCC   AATGGCTGAG
513451   ACACACAGCC   TCCAGGACCA   AGGAACTACT   AGATCTCAGC   TCTCAGGTGG
513501   GCTTCTGTTG   TTGAATTTCA   AAGCTGACTT   AATAACTTTG   TGTGTGTGTG
513551   TGTCTGTCTG   TCTGTCCATC   TCATAGGTCC   TAATCCTCTA   GAGAACCTTG
513601   ACTAATACAG   TAACCACCAA   CTGAAATTTA   GCATGTCCTC   CAATTACAAA
513651   TGTAGGCGAG   AAATTGGCAC   AGGTGCAAGG   CACAGTAGCA   CCGTGACTTT
513701   GTTACCAGAA   CGAATCTTCT   TCTCAGGTCA   TGTGAGCTGT   GGCAGATTTC
513751   AAGGGGTACT   ACATGCTTGC   TACCTTGGAT   CGGCACTAAG   AATTATCTGG
513801   GCTGCTAGAT   CTCTTGTTAC   TTACTGTTGC   TATAGAAGCA   CAGATGTCCC
513851   CATGCCATGA   TGTGTGTGCT   TTGTGTGTGT   GTGTGTGTGT   GTGTGTGTGT
513901   GTGTGTGTGC   ATGCACACGA   CTGTGCTGTG   CTTTCCTACG   CATGCGTACG
513951   TGGACACCAG   AGCTCATCTT   TGGATGCCTT   TCTCTTTTGC   CCTTTACCTT
514001   TCTTGTTGAC   ACTTGAGTTT   CTCATTGAAT   CTAGTGTTTG   TTGTTCACCT
514051   AGACAGATGG   GACACGGAGC   CCTGGGGATT   TTACCAGCCT   GTTAGAGAGG
514101   GGCCCATGCT   CCCCTAACTG   TTAAAGACCT   CTTAGGAGAC   TCAGGATAGT
514151   CCCACTGCAA   AATCAGATCT   TCCATACAGC   AAAAAGACCT   ACAGAAGGAT
514201   CCATTTAGTG   CCCGCCCTTG   TGGCTTTAGT   CACCTCTTTT   CCTCTTAACA
514251   AAAATCTCAA   ATGCAGTCCA   CTTGTGAAAT   CATCATTTGA   TCTTTTAATG
514301   CCCGGTTAAA   ACGGGATCAG   CTTTGAGCTA   TTCAAGAGCT   GACTGTCTCT
514351   GCAACGAATT   AGCAAGGATC   CTTCTTCTCT   GCCTCATCTC   CCAGGCGCAC
514401   TGACAAACAG   GCAGGGCAGC   CAGAGGAGAT   GGCACTCAGA   TCTGATCATT
514451   TTCCCATATC   GCTGAGAAGT   TGGAAATGGG   CGGAGGCTGC   AGTGGTGATT
514501   AAGACTCGGA   ATACCTGTGG   CTTTTAATTA   CCATTCCACG   CGTGTTCCAG
514551   TGTCCTCCTC   CCTGACCTCG   CACTCCTGTG   GCTGTAATGA   GGCAATTATC
514601   AGAAGCTATT   CTGTATTGTT   AGTTATCTTT   GCATGCAAAG   ATATCTCCCT
514651   GAGCCTTCTC   TTGTACTGCC   TCTAGTACTT   GGCTGACAAG   AGATCCTCCT
514701   TAAGTAGGCG   GGGCGACAGT   AGGTCCTCCC   TAAGTGGGCG   GGGCAACGAT
514751   AGATCCTCCT   TAAGTAGGCG   GGGCTCAGGT   GAATATCCAG   CTACTGTGCG
514801   TATTTAGAGG   GCCTTCACTC   TCGAAGATGC   CCAGGCAAAC   ACACTCATTT
514851   TCTTTTCCCA   CCTTGCATTT   GTTTCTGCCA   CATCTATTCT   ACAAGCACTG
514901   TAGAACACTT   ACTATGGGGT   AGGTAGGCAT   CATGCTGACA   TTAGATGAAA
514951   AGAATATAAT   CACTTCCTTT   GAGGAATTTG   GGGCTGTAGG   AACACCAGAC
515001   ACATAAACAC   CACAAAGAAT   ATGACAAAGG   GAAGGTCCAC   TCTCCACAAT
515051   GGGTATCATT   TAAAAATTAA   AAATTAAAAA   AGATGCTAGG   GGCAGAACCC
515101   GAAGAATGAG   TAGGATTCTA   TCATGGGAAG   AGAAAAGTGG   CCATCTTCCA
515151   GACCAGAGGG   ACTTGAACTT   GTCCCTGCTG   GAGCAGTACA   CGGAACTCTT
515201   CCTGCCTCAA   CACTCATTCC   TTCTCCTCTC   TCCTCTTCTT   TGTATCTGGG
515251   CCGATGCTGA   GGAAGGCAGG   CTATGCTCCC   GGCCTTGCCC   TCAGCCCAGC
515301   CCCAGCCCCC   CCCCCCCAAC   TCCCACCCCC   TGCTCACGAG   GCAATGACGA
515351   TCACTCCATT   TCTCTTTGCC   AATCTGTGAC   GTCAGGTGGG   CACGTGACCA
515401   CACTCTGGCT   GGTGCGATAT   AAGGGGAAGT   CTGCAATGGA   GACTTTCTCA
515451   GACATAAAAT   GACAGCATCT   CTCGGGGAGA   GAGCTAGCCT   TTCCTTTCTT
515501   GTCTTGAAAA   ATTCACATGA   TGCTTGCAGC   TGTAGCGACT   ATCTTATGAC
515551   AGCAGAAAGA   TAATAAGAGC   CCGGGGCCTC   TGGGAGAGTA   GCACTGAATA
515601   GCAACCAGTA   CTGGCAACTG   GACTCCTTGT   GTTGGGGGTA   GGACGGGAGG
515651   GGGGCGATTA   ACTCCTGCTT   GCCTAGGCTA   TAAACTTGGG   CTTTCCCTCC
515701   CTTATGGCTA   AAAGTCCACT   CAAACTATTT   CCATACAATG   TTTCGCTGTC
515751   TCCTCGGTGA   GTGCCTGCAG   TGAGATCGCT   AGAGACACCC   GTGAGTTTTA
515801   CTGTTGATCA   GCCCAAGCTG   CGGCCCTCTG   GGATCTGGCT   CTTGCTCCCC
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174

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515851  TTCATCTTCT  CCAGTCATTT  TGGGAAACTC  CTCAAGAGAA  TTACTTTGAG
515901  AAACTTCCCT  CTTTCTCTAA  AGGGTCACAG  CGTTAGGAAG  GCTGAGAACC
515951  ACTGCTCCAG  TCTAATGGAT  CCCTCAGCGT  TTGCCCATCC  ACACAGCTTC
516001  TCTGCAGCTA  GCTGGAGTCC  AAACCCCAGT  GCCGGAGCAT  ATGAAGGGAA
516051  TAGAGAACAC  AGTACTGCCA  AAGACAGGCA  GGCAGAGCCT  GGTGTATCCA
516101  GCCTAGTGGG  TTACATGGGG  GGGTGTTGAT  AGCACCCGT  CCTCTCTCCC
516151  CTGGGGCTTG  CTCAGGAGAG  CCCGCCATGG  AGAGCCTTTA  GGCTTCTCAC
516201  CCTCAGTTTG  GATGTAGGAG  ATTGTTGCCA  AGCAGGGGTG  AAGTCCTGAG
516251  AGGACCATGA  CATTAAAACA  TGGAAGAAAT  AATAATGAAT  GGTCGAAAGA
516301  CTTCCAGCCG  GAAGTTCAAC  AGGAAGTTAT  CTGGTGTGCT  CTCTTTTTTT
516351  AAAAGATGAC  AGATGAAAGG  CTACATATAT  GCCCAGGGTA  ATGAACCTGG
516401  GGCCAGACTC  CCAACCAGTC  CTACCTAAAA  CAGTCTCCTT  ATAAACAGAG
516451  GAGGAACTAA  CTCAAGATGT  CATCAGGCTG  CTGAAATAGA  CGGGAGTCAG
516501  GCACAGTGGC  ATACGAATAT  AGTTGTTGAA  GTGCTCAGGA  GGCTGGGGGG
516551  AAAAATGACA  TGAGTTCAAG  ACCAGCCTGG  GCTGCATGCA  CCACAAGACC
516601  ATGTCTCAAA  ATAAACAAGC  AACACATGAG  ATCTGGGATG  TGAGAAAACG
516651  AGTCTATTGC  ACATGTCGGG  ACCACAGTGG  GGATTAGTCA  CCAGGACCAA
516701  GGGAACTGTC  TGAGATGACT  TCTGCCTTTC  ATGAGAGCCA  GGGTATAATG
516751  TGGTATACTC  CAGTGAGACT  AGGAAGTTAC  AGAGGGGAAA  AAAAAGTACT
516801  AGAAACTTGA  TTTGAAGTAC  CTGTGAAATG  AACAAGGGGG  ATGTCCAGGA
516851  GGCATTTAGA  TATATAGATC  TAGTCAGGGT  AACTCGGGTG  CCTCTGTCTT
516901  AGGGGCATCG  GCACGTGGTG  ACCATGGGCA  CAGCAACAAG  GAGGGTGCCA
516951  ACAAAGAGTA  CATGACTTCA  ATGGAAAGAT  GGGGACTAAT  GACACAACAC
517001  TGGTGGGCTT  CAGTGAGGCT  GTGTGTGTGT  GTGTGTGTGT  GTGTGTGTGT
517051  GCGCGCGCGC  GTGTGTGCGC  GCTTGCGCTT  GTGTGTATAG  TGTATGCCAT
517101  AGTATGCATG  CGCATGTGGA  GGTCAAAGGG  CAACCCTCAG  GAGTTAGTTC
517151  TCTCCTTCTG  CCTTTGTCTC  AGTTTGAACT  CTGCTTGTTC  AACAAGCACT
517201  TTGACCACTG  GGCCATTCTG  CTGCCCCTGA  CCTCTACTTT  CTCTGAGCTT
517251  TGGCTCCTTT  GCCATCTGTT  TTCCACAGCA  CTTTTCTTAG  TAGGCAGAGA
517301  ACAATGTTGC  TGACAGTTTC  AGGAAACCAC  AACCTGAAGT  TCCTCCCCCT
517351  TCGCAAAATA  ATTTCTGTTT  TTGAGACATT  GTTTCCTTAT  GCAGGGTAGG
517401  CTTGCCTTGA  ACTTGGGCCG  TTTCTGCCCC  AGTTTGGGAT  GAATGCTGAG
517451  ATTATAGGCT  AGCATGATTT  GCTCAGTAAA  AGACTATTAT  TCTCTCACTG
517501  TACATGTGAC  AGTCCCTGGG  AAATACTCTC  GTTGGCTTTG  TCTGCAAGGA
517551  TCATGTAACC  TATACCAGGT  CTCTGACACG  TGGATTGCCC  AGGTTTGAGT
517601  CACATCTGGA  TGGGAAGATG  GGAGATTGGG  AGGATGTGTT  TCCAGAACGA
517651  GACCGTTAAG  GCTTTCCAGG  CAGAGAAGAG  TAGTTGCCAT  GGTTCTCAGC
517701  CCATCAACAT  TTAAGAAGAG  AGGAGGAGGA  GGAGGAAGGA  GACACAACGT
517751  TGATATGTCA  AAGTAGATCA  ACAGCTTTTT  GGAAGCCAAG  ATCTGTTTCC
517801  GATGTGTATT  TATTCTTCTA  CACCCTCCCC  ACTATCTAGT  ATCCTGCCTT
517851  AACATGCCTG  TCATCAACAA  GTGGGTGTGG  AGAAAAATCC  CAGACATCAC
517901  ACCCAACAAG  CAGGGGGGGG  TACTTTAAAA  AAAAATGACA  AAGACTAACA
517951  AGCCCAGAAA  TCTGATTTGG  GCAATATACA  AAAGCACACC  CCCCCCCCCC
518001  CCAGTATTTG  GCCTCCATGA  ACACAGATAT  TAATAGATTC  TCTAAAGAGA
518051  GCCAATCTTT  TCAGGTTTTG  GACGGCACCG  TCATATCAGT  ATGAACTCAA
518101  ATCGTTCCAG  ATGAGGATGA  CATTTGAGGA  GTGTCTTGAA  GAAACCGGGT
518151  AGTGATATAA  AGAGCTCTGT  TCCTGCTACT  GTGTTCTGGG  CTCACCGTAA
518201  TTTCATGCTG  CATTTGAAAG  CCTGCAGGGG  AGACACCTTA  ATTGCTACGG
518251  ATGCCAAATA  GGAAGAAGAG  TGCTAATCAA  ACCTTATTAA  TCGACGACAT
518301  ACTACCAGCT  TTCAGGAACA  GATGCTAAGG  GGGAATGAAA  CCTTGTAAGC
518351  CACGGGTACC  TACCAACACC  CCCTCAGGTC  AGTAACAATT  GTTTTTCTTC
518401  ACATACACCT  TTCCTGTCCA  CTAGGGGGAG  TACTAGCGCA  CGCCAAAGCA
518451  TGGCTTTTTC  TATGCCTGAT  GCTTAAACTC  CCTATGCCTA  ACAAAAACTT
518501  GTTCGTCTGT  AGATTCCTAA  GACCTCCAGC  CTGTGATGGC  CCAAAGATCT
518551  AACCAGATGT  CATATTTTTC  AAACAGACAG  AGTATATCAT  TCAAGGTATG
518601  TTAAGAAAAT  ACATTGCTTA  AATTCTCAGT  AACTCAGAAC  CATCTTAGTG
518651  AACATTTCTC  TTGTAAACAG  AAGTTTCTAG  CCAGGAAGGC  AAAGGCGAGG
518701  GCTAATTATT  TGTCAGAATC  TTTGCTTATT  TAAAAAAAAA  TAGAAGATGC
518751  TGAATCTGTG  CCCTTTCAAT  TTTAAAAAGC  TTAATTTTAA  TACCTGTTAG
518801  ACACTAGTAT  GATCTTTTAT  TGCTCAGTGG  AGTTCTTAAA  GTATTATTGG
518851  CACTCAGTTG  ATAATTATTA  TAATTATTAT  AAGCTTGTCT  AACATAATTA
518901  CAGTATAAGA  CTCTTCCCTC  TTCAACACAA  AGCCACTTTC  AAAAAAAGTT
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175

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518951   TGAGAGGCTA  TGTAAATTAA  CAAATAGCCG  AAATGCCACA  CTTAGCTTCG
519001   CACCCAGCTT  CGCTGCCCTT  CCTTCTTCTC  AGTTCTGTAT  TTTTTTGTGG
519051   CAGGGTACTG  CATTTTTTTT  TCCTTTTTAG  TCTCTGTTGA  GAATGTCAAC
519101   CCGTGAATTG  GTAAGCGTGT  TATTGTGCGT  ATGCCAAGTC  AATGTGTTTG
519151   GAGCTGTGGA  TTCCTCAAAG  ACTGACACCC  ACCCCTGCAG  TTGCCTGCTT
519201   TTGCAGAAAC  ATTCCGACAA  CATCGACTCA  ACACTGACCC  TGTGTGAAGC
519251   CCCGTAAACG  GCATAGGACA  GGACAGCATT  GCTCCTGACT  ATACCCTCAG
519301   CCCTATCACA  TGCCTGGCAT  CAGGAGCCCC  GAGGGTTTCT  TGCTAAGGAC
519351   ATAAGCAAGT  AAATAAAAGG  TTTGAGATGT  GAAAGTTTTG  GGGGCACAAA
519401   GGTCTTGTTT  GCCCAGAGAT  TGCTAGAGAA  ATCAAGAGCG  CTATGCATGC
519451   AGGGACCTCT  CCTCAATGGA  GGAGATAAAA  TACCTGTTTT  CACTGTCTAG
519501   AAGGCTGGGA  GTGAATATTG  TTGACGGCCC  GGTGACCTTT  TTGCTATCTG
519551   CAGCAGCAGC  AGCAGCAGCA  GCAGCAGCAG  CAGCAACAGC  AGATCTCACC
519601   CTTTTGCTAT  AGAGATAGAC  CTCACTTAAA  TCCCCCACAA  CGTTTATTCC
519651   AGACTCTCCC  TCCCTACCTC  ACAGGTAATA  GAAGCCCTCC  TTAGTGGGGG
519701   AATGTCCCAT  GTACCCTGTG  GCCTGTTGAA  TCTCTGTCCT  GAGTCAGAGA
519751   CCACACTAGA  ATCTAGGCTT  TTTAGCTATG  GAACCTACCC  TCGTGGTCAC
519801   ATGTATTTCA  TAAAGCAGTT  TCTAAATGCT  CACACCTTAA  GCTTTATTCT
519851   GCACCTGGAA  TCGGAATGAT  TGTTGCCTGG  AAACCTGGAA  TAGGAATGAT
519901   TGTTGCCTGG  AAACTTTTTC  CCAAATTGTA  CTGTTTTAAA  CATGCTGACA
519951   ATGAACCACC  TGGTACCAGG  CTCCTCAAGT  CTGATACAGG  ACGGTGATGT
520001   CGATCTGAAC  AGAGGTTTTA  TTCTTGCCTC  TTTGTGGATC  ACTGCCTTCA
520051   TTGACAACTT  CAGTGTCCCC  ACCCACCAAG  AAAGGAATTG  TAGAGAAACA
520101   CTAAGTTGCT  ATCCCTGACC  TCAGAAGAGT  TAACAGTGGT  ATGAAAGGGT
520151   GCTTGGCCTA  TTTATCTATT  TGTCAATTCT  CCCATCTATC  CATCCATCCA
520201   TCCATCCATC  CATCCATCCA  TCCATCCATC  CATCCAACCA  TCTATACATC
520251   CATCCATCTA  TACATCCATT  CCTCTATACA  TCTATACATC  CATCCATACG
520301   TACATACATA  TATCTATTTA  TACATCCATT  TATTCATCTA  TATATCCATC
520351   CATCTATAAA  TCCATCATCT  ATAAATCTAT  CTATTCACCC  ATTAACCTAT
520401   ACATCCATTT  ATATATACAT  ACATCTATAC  ATACATACAT  CTATATTTAC
520451   CCACCCACTC  ATTCTCCAGA  GCCTTAAACA  TGCTAAGCAC  ATATTTTCCC
520501   ATTGGACTAT  ATCCCCAAGT  CTATTGTCAT  TTTCTTAAAG  GAGCTGAGAG
520551   TCTACTAGAG  AGCTTTAGAT  ATAATTTAAC  TACTCACACA  GAAAGTATCA
520601   GACAAATAGG  GGTTCACAAA  GTAAGAAACA  AGGGAGGAAA  CTTTAGGTAA
520651   AATTACCAAA  AATGTGAAGA  CCTGGAGGCA  GAAAGAGCCC  CGCTTGCTTA
520701   AGAAACATGG  CCAACTCTGC  TAAAAACCAG  TACCAGCCAC  ATCCCTCGCT
520751   CTGGTCTAAA  AGCCCTTAAC  CTGACTATGA  AAGTCCCGGA  GTACATAGTT
520801   GATATTTCAA  CAATGTCTAG  GGTAAGAGTC  ACATGATGAG  CCTGGTTATG
520851   TGCTGGGTAA  GACAGGAGCT  GGAGAGCTAT  CTGAGCTGGG  TCTGGTCATG
520901   GGTCAGGTAG  TCAGGGCCAA  GGGAACTCCC  CACCCTCTTC  TGCCACAAAC
520951   TGGTTTGTTT  CATCTACTCA  GTCTGTTTCA  TGGCAAGGCA  CTCAGGGAAG
521001   GGTTGCCTTG  AGGGACAAGA  CTATTTATGT  ATTGCCTGCT  TTCCTGGGGC
521051   CCTCATCCAT  GCTGATGCTA  AGTGGATGCC  TTCCAAAGG   CATGTGGGCT
521101   CTTACCTCTG  GGTTCCTTAA  GAGTCCAAGT  AAATGTGTTT  TGATCAACGA
521151   GATTTTGTGT  CTTTGGCTTT  AGTTAGGCTG  TCACACATAC  AAATGGAAAC
521201   ATTTTTTTTT  GCACCCCTCC  CTACCCTTTA  TCGAATGAGC  TTGTGATCCT
521251   AATATGGTTG  ATAGCAGTGT  CTCTCTAGAG  GCTGAAGTCA  GACTGCAGTG
521301   ATGAGACCTT  CTCCTTATTC  CAATGCAAAC  CTTTTCCTGA  GGAGACAATA
521351   TACCCATATC  TACTCACTCC  AGAAAGGCAG  CCATGACAGG  CCAAAGTACA
521401   GATACCACCA  AAGTCACCAA  AGTCCAACTT  GGTAATGCAG  TGAGTGTAGG
521451   GGTTGTTCAT  TAATCTGCTC  TAAGCCCCCT  GGGCCACAAT  CCCCCACTCT
521501   TACATGTTGG  CAGTGTCTCT  GTCCTACACT  TCTCAGGCTG  GGGCCTTCTC
521551   TGTCCCTGGC  AATGGTGATT  CTCTTCCTTC  TTCCTGTGGT  TGGTTCCCTT
521601   GCCTGAGAAA  TCTAAAGCCC  TGCCTCTGTC  TCCTTACTCC  AGCCATTGGC
521651   TGCTGGCAAA  TTTATTTACC  AATTAGAACC  AGCTTGGGTT  AAGGGACGTG
521701   TGAATTCCCG  AGTAATTTGG  GTACCCAATT  AACACAAGCA  ATAAACCAAT
521751   CCACAAGAAG  TGAGTTTTAT  TGGGGTTACT  TATGGGAATA  TAGGTGAGGG
521801   GTCCCTTACA  GGAGCAGGAG  TGACTCAAAG  ACAGCCGCAT  CACCAAAGCC
521851   CACCCCCAGG  ACTGGTGACA  GCTCACAAAG  CTGGGACCCT  GGAGCAGGCT
521901   GCACAGCTTG  CAGGTAGCTC  ATCAAGTTGG  AGAGTGTCCT  TTCCAGGTGC
521951   CTCAGGTGGT  TTAAACCTCT  TCCAGGAAGT  CTGGATGATT  TATGCCTCTT
522001   CCAGGCTGCT  GGTCAGGTCT  CAGAGTCTGC  AGCCTGGCTT  GTTTGAGAGT
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176

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522051   CTTCACAGCT  CATCTTTCCT  TCTCTAACGG  GGACTTTCTG  CTTTTATTGC
522101   TTTCTCTGGT  TGATCCCTCC  CACCCGTGAA  TCTTGTCAGT  TTCAGGAACT
522151   TCCTGAAGAT  CATTTATTGA  CTTGTTTACC  TTCCTGCTTG  AGATTCCCTG
522201   CAGGATGGGT  GTTTCAATCT  TAGAGGAAAC  AAGAACAATA  ATCTTGTTGT
522251   GATAAATCTC  CAACCCAAAT  AAGCTCTGGC  AATGAAATCA  TGACTCAATT
522301   AATAGGAATA  CATGCTGTGC  ACCTAGATTG  GGCAGATCTA  CCAATACCAT
522351   CTTCCACATC  TATGAGACCC  ATCCAGGCCA  TGTGCTTCTG  CTCTGCTTTT
522401   CTTCTTCCTC  CTTTTCTGTG  CCCTCTCCCT  CTCCCATTTT  CTCCTCCTTC
522451   TCTCTTCCCA  CCTTCCTCTC  CACCTTCCCT  TTTATCTGCC  CAATCATCAG
522501   TTCTCCTTTA  TTTTACAAAT  TGAGGTGGGA  AGCAGGTTTA  CAGGAAATCA
522551   CCTGAGTGCT  GACTCATTCC  TTGTTCACAA  CCACTCACAA  GAGAATTGAC
522601   CTTAAATATA  ATTAGCCCCA  GGGCTATCCA  CAACAATGGG  GTGTTTCAAT
522651   CTTAGAGGAA  ACAAGAACAA  TAATCCCCCA  AAAAGAGAAC  TAATCCCGCA
522701   TGAAGGTACA  GAGAAGGTAA  GCGTAGAAAG  ACTTCGATGC  CTGCAAAGAA
522751   ACCAGTCCTG  CTTACAGCCT  AAGAGTTAGG  AAGATATTGC  TTGTTTATAC
522801   CAGCCAATCT  GTGGGACTCC  GCTATGGAAA  TCATAGGAAA  CTAACACAGT
522851   GACCTAACAT  AGAATTGGGG  GGGGGGGTCT  CAGCATCAAA  TAGCAGTAAT
522901   AGTAACAGTG  TCACTATTTA  CTAAGCAGAT  CCTGTGAGCC  AGGGTTTGGG
522951   TTACACACAT  CCTCCCCCAC  CCAAGTATTA  TCTCATTTAG  TATTCATGTA
523001   ACCTCCGTGA  GTCATAACCT  TTCCCCTTCC  CCCAATCTTC  TAAGACGATG
523051   CTGAGGCTCC  CAGAGCCCAA  GGCTACCTAA  TTACAAAACT  ACTAACTGGA
523101   GGCATAGGAT  CTAGAATTGA  GGTCTGACTA  GGGCCATTAT  ATCCTGGTAC
523151   AAAGAAAATG  GCTTCTCGTC  TTTTGGGCAC  AGAAAGCCCC  TGTGTCAGAG
523201   GGCAGGGGCT  AGCGAGCAGA  GGGCTGGTTG  GCTTTCAGTC  CTCCTTGCCT
523251   CTTTGGGCAA  ACCTCCACTT  TACAATGACC  TGCTCTGTAG  CACAGGTGCT
523301   CAGTTGTTAT  ATTGGACCAG  CTGGGGGTTG  AGGTGGCTGT  GGTAGCATCA
523351   GGAGGTACAC  AGGGGTCATG  AGTATTGGGG  TGCAGTTGAG  AAAGAGGCCC
523401   CGGGGGCTCC  TTGTGACCTT  TAGGAAGGCA  TTAGACCTCC  CTTCAGCCCT
523451   GTTCTGCTCA  CTGGCCTTAG  CACACCCCCA  ATCCCTCCGG  TCTCTCAGTC
523501   AGCAAGAAAT  CTAGTTTGCA  GGATCACGTG  CTAGGATGAC  CTATTGACCT
523551   TTTTACCACC  ATCCTCGCCG  TCCCTACTAT  TACCACCAAA  CCAAAAAGCC
523601   CAAGAAATGC  CTCTCTGGCT  GTTTTATTTG  ACTCCGACTT  TCAGCGTCTA
523651   TGCCTTTCCT  CACAATTAAA  GCTCCATTTC  GCTCTAAAGT  TTGCAGCTTT
523701   CATGAAGAGG  GAAAAGGGAC  CTTTGACACC  GTAAATATTT  AATCACCATT
523751   GAGATGTCCA  AAAGATGAGG  GAATGGACGG  TGCAGATTGG  CTGGCTCTGA
523801   GAAGCAACAA  AAGAAGCCAT  AGTGGTGGGG  CAGGGGGTGG  GACAGGGGGT
523851   GGGGCAGGGG  GTGGGCAGGG  GTGGAGCAGG  GGTGGGCAGG  GAGTGGGGAA
523901   CGGGGTGGGG  CAGGGGTGGA  GCAGGGGTCG  GAGGTCGGGG  TAACCTAAAA
523951   CATGCCATCT  TTAGAGCTTA  AAGTGGCTCA  CATTCCTATT  CACTAAGTGT
524001   GCCTGAGCTA  TGAAGGAAGC  TAGATTTATT  AATTTATTTA  TCTCTTTAAA
524051   TATTGGGCGG  GGTGAACTAA  GATGAGATCT  GGAGGTGAAG  AAGTCTGACG
524101   CTCTCCTCCT  ACTTCTGTTT  TGGTAACCAT  GAAGAGACAC  GAAATTTCTA
524151   GACTATATCG  AGGTGACTGC  TGGAGTTCAG  ACGTGGGGGA  GAAAATGTCT
524201   AAAGAAGGAA  AAAAAGAGC   TGTCTGTTCG  GTTTTGTGTC  TTGTTTGAAA
524251   ATACACTTCA  AACATTCGAC  AGTATTTCGG  AGATCATAAC  TGCCTATGCC
524301   CCCACCACCT  CCTGAGCCCT  TGGCCCCCCG  GGAGTCCAGA  TTCACTTTTA
524351   AGTACTTTTT  AGCTTTATGT  TTTAACTGGA  AAAAAAAATA  ATCTTGCCCA
524401   GTAGGGCTTC  CATTTGTTTC  TATCAATGGG  CTGAATTTAG  TTTAGGAAAG
524451   GCTGTGGAGA  AAGAATGAAA  TGTGCCTTTT  CCCCTTGCCA  GATCTGGACG
524501   CACCAACCGT  TTGGAAATAA  AGGGCATGCA  ATTTGCCAAG  TGTTCCTGCT
524551   GAAGGGCCAT  CCCGCATCTC  TTCTGGATCT  TTCTTTGAGG  TAGGTTGAGT
524601   TGATGGTTAT  ATTCTTGCAG  GAAGCAAGTG  ATAGGAACGG  AAGCATTAAA
524651   GGGGTGGGGT  GGTGGCTGAG  GTATGGGCAT  GGTAAGGGGG  CAAGCCAAAG
524701   CTGGCATCAG  TAGGAGGCGC  TGCGTGCTAC  AGGTACAGGG  TGAGGGGTGA
524751   GGGGTGCTGA  GTGAACCAGG  GCACTGAGAG  AGGACACCCC  GTGGAGCCAA
524801   TGGCCTTTTA  GAAGACCTGG  TCACAGCTAG  TATACTGATT  ATCAGGTAGG
524851   GATCTGGGGG  GGCTAAGCAC  CCCAACTTCA  CCTTAGCTCT  CCACTCCGGG
524901   GTCTCCCACA  GGGCCTCCCA  TTGGCTGAAT  CCAACCAGAA  GCCAGGAGATG
524951   CCTTAGATGC  AGACTTTCGG  TATAGAACGA  GACTGGGAAG  GCAGGAGATG
525001   ATAGGAAGAA  CTGAAGGCGA  CGCAGCCAGG  ATGGATAAGA  AGACATACGC
525051   AGAAAGGATT  GAGGAAGGAG  GGGTAGGTTA  AGTTCTGCGG  GTATCCTGAC
525101   CTAAGAACTC  ATGGTGCTGT  ATATAGGAAA  TGGGCACCAC  ATCCCCCGCC
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177

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525151  CCCCGCCCCC  CGCCCCCCGC  CCCCGCCTCT  CCTCTCTTTC  GTTTTATGTC
525201  ACATCTTAGT  AAAAGATTTT  TGAAAAGACA  AAATGAAGCC  AGGCATGGTT
525251  GCATGTGCCC  GCAATGCTAA  CACTAGAGAG  GTTAAAGCAG  AAGAGTTTCT
525301  ACTTTGAGGC  CAGCCTGGGC  TATACGGCAA  GAGGCTATCT  TAAAACGCAG
525351  GGAGCAGGGG  GATTGAAAAG  ATGACTGCTC  TTGCAGAAGA  CCAAGGTTTG
525401  GTTCCCAAGG  CCTACACAGT  GGCTCACAAA  TGTCTGTTAC  TCCAGAGCCA
525451  AGGGATCCAG  TGCCCTCTTC  TGGCTTCTGG  AGACACTAGG  CACACACACA
525501  GTATGTGGTA  TATACACAAG  CAAATACTTA  TAAACGTGAA  ATGCAATGAT
525551  TTTTTTTCCC  CAAAGGACTG  GGAGACGTCT  CAATCAGGAA  AAGTGCTTGC
525601  TATACAAGCT  TGGGGGGTCT  GACTTTGGAT  CCCCATGTAA  ATACTGGGCG
525651  TGATGGTGTA  TGTCAGTAAC  CCCTAGGCCA  GTGGGATGGA  AAACATGAAT
525701  CCCTCGGGCT  CACTGATCAA  TTAGCCTGTC  CAGCCAAATC  AGTGGGCTTC
525751  AGATTCTGTA  GACGCCAGTG  CTGACCTCTG  ACCTTCATTT  GCACGCGCAC
525801  ACACGCGCAC  ATCCAACCCC  TTGCCTGCCC  CCTCCCCCCC  CACACATTAA
525851  AAAAGAGGGG  AAAGCCAAAA  GCAGCAGAAG  GCCAAGAAAA  GTATTCAGCT
525901  CTTACATTTG  AGATTTGGTG  CGCGAGACGC  TTAGCATCAG  CAATCCAATG
525951  GAACCATCAC  GCCCTCAATA  CTTCCCAAGC  ATGGATGAGG  ACAAGAAACG
526001  CTTCCCCAGT  CTTCCCCAGG  ACCACGTGCC  CAGCCACCAG  CCAGCCACTG
526051  CCCATACTCA  GAACTCATTC  CAGGCTACAT  GGCGATATTT  CGTAGGGAGG
526101  GCAAGGACTG  TGGAATAAGC  CGCGTGTGCT  CCGCAGAGAG  CGCCAGATTG
526151  CTCGCCCAGA  AGTCCAGCCA  CTTCATCGTC  AGCTGAGAGA  ATCTCCCCAC
526201  CAGAATCTCG  AGGAAGCGGA  AGCACAAGCG  ACTGTGGAGC  TATCTGCCTG
526251  TTAATCTTAT  CTTCTGCTAT  TCATTTTAAG  AGTTTGAGTT  ATTATTAATA
526301  TGAAGGTCTG  CTTTATGGCA  GCTCTTCTTG  TTGAATGAGT  TTGTGCCAAG
526351  CTGCCTGCCA  GTTATCAAGG  GACTCAGGGG  CCCAGGGTTA  CACTAACAGC
526401  GAGTCCCTGA  GATGTGATGA  CAGAGACATG  AAAAGATTTT  TTTTTTTTTT
526451  GTCCTAAGAG  GGATCAGTAT  TTTATGTTTA  CCCTCAATAA  CCTTTTGGCG
526501  CTTCATTTCA  AAGGAACATT  AAGAAAAAAA  TACAAGCAAG  GATAGCCACA
526551  CATTTCAAAA  ATAAATCTTT  ATTTATAAAA  AAAAATTTAA  TTTTAATTTA
526601  AAATTAATTT  AAATTAATTT  AATCAATTAA  TTTAGTTAAC  TTAAAAATTA
526651  AATAACTTTA  ATTTTAATTT  TAAGAGACCA  CCCAGGTTGC  AGAAGTGTCC
526701  TAAAGCTGAA  GATGTAATTA  GCCGATGAGT  TTGCCTACTT  CCTGCAGATC
526751  TAGAAAACTC  GATGGTCGCT  GATGACTTAA  CGGTATTTTG  CTGTCAATCA
526801  AGGGCGGCCT  CAGATCCTTC  ACCACAGGCA  GAGCAAGTGT  CGGAAGAAAC
526851  TTCACCTTCC  TGAGTCAGGG  CCGTAGTCTG  TTTTCTATTG  CTGTGAGAAA
526901  CACCATGACA  AAAAGCAAGC  TGAGGGGGAA  AGGGTTAATT  TCATCCTGCA
526951  GCCTACAGCC  CATCCTGAGG  AGAAGAGAGG  TCAGGACCTG  AAACAGAGGC
527001  CATAGAGGAA  CACTGCTTAC  TGAACTGCTC  TCTGCCCTTG  CTGATCCAAC
527051  TCAGGACCCT  TTGCCCAAGG  GTGGCAGCAC  CTGCAGTGGG  CTGGTCCTTC
527101  CCACATCAAT  TAATAATAAT  AATGATAATA  ATAATAAGAA  TAAGAATAAT
527151  AATGGCCTGC  AGATGTGCTA  CAGACCAGTC  TGATGGCGGC  AAATTCTCCA
527201  CTGAAATTCC  ATCTTCCCAG  ATGATACTTG  TCTGTGTCAA  GGTGACAAAA
527251  ACTTAACCAG  CCCAGCCTGC  CGCTTCTGTA  ACACAGCACC  GAGTGCCAGG
527301  GTAGTTTATG  TCCTGGACTC  TGCAGCCTCT  GAGAAAAATT  GGCATTTACC
527351  ACCCTTTCCA  AAGGCCCTTA  TAATATTGAA  GGCTCTTACA  GGCCGTAAAG
527401  AAAGGCAGCG  TTGGGACTTT  ACGCAAAGAA  CAGTGGTTTT  GAATGTCCAC
527451  CTCTGTTCTT  TTGTCTGTAA  GTGTTACTCT  TCTGGGAAGC  AATATGTAAT
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527551  GTGAGCCCAT  CACACAATCC  AGCCTTCTTA  CAGGAACTAA  CACTGGGTAC
527601  TGTCACCAAG  CATAGAAGGT  TACTCTCCAT  CCATCCATCC  ATCCATCCAT
527651  CCATCCATCC  ATCCAAGGCC  ATGTTGACTG  ACAGCAGGAC  CTGATCTTAC
527701  ACTCCCTCAG  CTCTTGCGCG  CGCCAGACTC  GACCAGCAAG  GACGCTGCAA
527751  CAGGATCCTT  CTGCACACGT  TTATTGGGAG  AGCTTGATTG  TAGAGGCGAA
527801  GAGACCCCGA  GCCCAGAACT  GGTGCTGCTT  TTATAGGCCT  AGGAGAGGCG
527851  TGTCTTACAC  CAGGATTGGT  TATGCACTAC  GCCTCATTTG  CATGTTCCTC
527901  ATCTGATTGG  CTACTCTCTC  TCTCTCTGTA  CCTCACAGAG  CCTCATTATC
527951  ATACCTCATT  TGCATGTCTC  ACATCTGATT  AGTTATACTC  TCAAAGCCTC
528001  ATTACCATGC  CCGGGCCAGG  CACTGTCTTT  GCAAAAAACT  TTACTGCATA
528051  TGTACACATT  GGTTGTTTGT  CCAAACTTAT  ACGTGGTGGC  CAGCAGTAGT
528101  CAGTGCCACT  CTGCAACGGC  ACATGTGGCT  TCCCACACTC  AGCCACACCT
528151  TGAAAACTTG  TTTAAAGTGT  GGATATTCTT  GACCAATGGT  CCTTGTCTGT
528201  GGATGGAGAA  ACACTGAGAG  GGAGAGAGAC  AAGAATGCTG  GGGGAGGAAG
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178

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528251  GGCAGGCCCA  CCTGGCCAGC  CAGCTTAGTC  AGCTCAACTG  CGATCAATGA
528301  GGTGACGGAC  GTCACAGCCA  GATCCCTCAG  TCATATCTCA  TGACTGCGCT
528351  GAATTCAACT  GACTTCTATT  GGCTGAACTG  TGTTCAACTC  ATCTCTTAGC
528401  ATCCACTCAA  ACTATAAAAC  GATACTTCCT  CTAGTGTACT  TTCAACTATC
528451  TGTTAATCTG  AAGACCAGGA  AGGAAGCTGG  CTCAATTCAT  TTTCCTGTCA
528501  GTCACCAAAA  GGGACCAGAA  ACTTTGATAA  GGTTTTCAGC  CCGAAGACCA
528551  CATAGATATG  AGCAGAGTTG  TGGAGAGGCA  AGGTGGCCTG  TCTGAAATTC
528601  CAGGAGGCCA  AAACAGATGT  GATCTCTGTG  GAATTGGGCA  AGGTGTCATC
528651  GTAGCTACAA  AGAAAGGGTG  TGTAAAGGAT  CTCTTGACCA  CTAGAACTAA
528701  CATTCTTAGT  TGCTTCTGGC  TCCCATCAAC  CCAATCAGCC  CTTTAAAGTA
528751  TGGTCAGTTA  AAAAAAAAAA  AAAAAAGCAA  AACAGAAGAG  TGAAATGTGA
528801  ATGATAACCA  TCTTGTGACT  GTGACCAATT  GCCTACTGAA  CAGCCGTTCT
528851  TAACGTCCCA  AGTCCCAGCA  GGAAACCACA  GAATCTATAA  AGCCCTGTCC
528901  AGCAGAAATG  AGTCTGATTG  TAGATGGCTT  GGTTAACCCA  GATTGCCTCC
528951  AGTGCCTGAG  GGAGTGGATA  TTTTCTCATT  ATGGAGACTT  TTCCAGCTAG
529001  CAAAGGCTGT  GCGTACAACT  GCTCAGAACC  CATCTGAACG  GCCCGTTTCC
529051  GTGGTAGCAG  GTCTGTCTGG  AGGACAGATC  TGTATCACCT  TCTTTTGTTT
529101  GGTTTTCAGC  CATTTGTGTT  ACAAGAAGTT  CTGAAATGTG  TCATAAGGGA
529151  CACCCAACAA  GATGGATGGG  TTCAGTCAAT  TGGTGAGGGA  TGAGTGAGCT
529201  ATGGACCCTC  CGCCAGATGG  GTGTGTCTAA  GAGAAGGCCT  TTAAAGAAAT
529251  ACAGACCCTA  TGCCTAAATA  TTTATATAGA  GTTGTTCATA  TTTCCCACAC
529301  TTTTCAAATG  TGAATGTGCG  TCCTGAAGGT  GGAGCTTTAG  TACAGGAGAA
529351  AATTGGGAAG  GGGCAAAGAC  GTTTGCTCAA  AATGGGGCAG  GACCAGTGAA
529401  GAACCTGTTT  CCAGGTTTCT  TAATCGCCTA  CATTTTTCAT  GCCCAAAAGT
529451  TAGCATGGAT  TCGGGTTTCT  TCCACTATGG  GAGTCTGCAC  GCAATTAAAC
529501  AGGAGGAGAG  AGAGAAAGCC  TGCTTGCCGG  AATAGGGCTT  ATGGTCTCAG
529551  CAAACTAAGG  AGATGCAGGG  ACCATCAGAA  CCCTTTCCAC  ACCTTGCTGG
529601  TAATTTTTGT  AGGATGTTGT  TTCTTCTTTT  TCAAAATGCA  GCAGCAAAGA
529651  ATTGAGCAGT  GAGCAACGTG  CCACACCATG  GAGTATGTTT  AATCCAAATA
529701  GCTTCCAAGA  TGCTCTGTGA  CTGACTGTAG  CAACTCTGTG  GGGTTTAGGG
529751  AAATGGCTTG  CTTACCAGCG  AAGTAAGGCT  ATCTCCAAAA  TGGAATTGAA
529801  TGCTGCTTCT  TGGCCCATAA  CACTGCCACA  GCCCATCTGT  GAGTCAGCCA
529851  CAGTGACTAT  AGGAGACTGA  TGCATGTATG  CCCTATGTTG  GAGAGGAATT
529901  ATTTTGCTAT  TTATTTATTT  ATTTATTTAT  TTATTTATTT  ATTTATTTAT
529951  TTTCGGATTT  GAGTGATGCA  AAAAAAATTC  TTAAAATATT  CCAAGTGGTG
530001  GAGAATGAGT  TGAGGGGGGT  ATTTTTTTTA  AGCAAGTAAG  CCACTTGATT
530051  TGCTTCACTT  AAGAGGTCCA  TATTAACATC  AACCTAGACC  TACATTCCCT
530101  GCTTCTTTTT  TCTCTCCTCT  ACTTTCTGAC  ACTACAGAAG  AGGTGACCTC
530151  CAGCTAACAT  CTGAGAGCAT  CGGCACTGCC  CATCAGCAGA  GAGAAACAAG
530201  GATAGCCAGT  CCCCAAAGAG  GAGGTTGCAC  ATGGAAAGAT  GGCCACGGAC
530251  CATCTTTTAA  AAGCCACTGC  TGAAGGAATA  GTGTGTGTGT  GTGTGTGTGT
530301  GTGTGTGTGT  GTGTGTGTGT  GTGTGTACAG  CAGAGAGAAT  GGAAGTCAAG
530351  GCCTGGCTGA  GCTACACCCA  CCCCCTAATA  CTGTACTGTA  CATCTAGATT
530401  AGACTTTCAA  GCTTCTTGCC  CAGTTCCTTC  TCCTCCCTTC  TGCCTTTCGA
530451  AGCTCCCATC  TCAGCAGCGG  GAGGAACAGA  TCTAAGCAGT  TCTGTGGAAG
530501  TGTAAAACCT  GCAGCAGGTG  ACCTGTGAGG  AAGCTCATTC  AGAGCCCCCT
530551  TAAAAAACAA  TACAGATTCC  TATCCAGAGC  TTGGCTGACT  TGGAGCTAAG
530601  AAGAGAAGAT  CACACAGCAA  CCAGTTGCAG  TCCTAGGAAG  ATCTAGGAAG
530651  AATGCAGATC  ATTTCTTAAG  GACCCATACG  GGTCTTTAGC  TCCCTCTCCA
530701  TTCACCACAG  AGTTGAAGGC  ACCAAGGCTT  GCCTCTGGGA  AGCCCACTTC
530751  TGAGAAAACA  TGAGCTTGCC  TGCTCCCCAG  AGCACAGTGA  TCTTTCTGTT
530801  CCAGAAATTC  TCGGTGGCTT  GCGAGGTGGG  GGAAGGGGGG  AGCACCCCAG
530851  CTGACAGTTG  CTACCTGGAT  GAAGTGGTGG  AGGGAGCCCC  TCTAGAAACA
530901  TAAGAGAGCT  CCGGACTCTT  GAGATGCGAG  CCCTGGCTGC  TGAGCCCAAT
530951  GTACCTTTGC  CTTTATTCTC  TGGGGAGTGT  AGTTTAGTGG  CCACAGGTGG
531001  CACTGGACTA  GCAAGAAACC  TGTAAGAGGC  TCCGGTGTGA  GGTGTGGATT
531051  CGAATCTCTG  CTGTGCTATT  TGCTAACAGC  TGTACCCGGG  CAGGTTCCAT
531101  AGCTTCTCCA  AGACCTTTCT  CAAAAGCCGA  GTAGGGTTGA  TACAAGTCAC
531151  TAATTAATAC  TGTTTGTCCC  AAGCATCAAG  TGAATCAAAA  TCTACATGGT
531201  GCATTTAGAA  CTATGCCCAG  AACGGAGCAA  GTTCTCAATA  AATGTTAGCT
531251  TTTGTCACTA  GGGTTAGATA  GTGAGCAGAA  CTTTCTAAGT  GCTATATCTG
531301  AGAGCCTGGG  ACTCCGTTGC  CAAGGGAGAC  CAGGGAGCCT  TTTCAAATAT
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179

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531351   GAGAGCTCTG  GCCCGAGGGA  TTGTCCACAA  CGAGAGTCTG  GCGCCTTTCT
531401   CCTACCTCAC  TCTGACCGAG  GGAAACCCAC  CCCCGGTCAC  AGGGGCGTCT
531451   TGGTCCCCCT  CAGCCGCCTC  CCGCTTGGCC  CCAGCCCCCT  GGCGCATCTC
531501   TCAGGCCCCC  CTCCCGCCGC  TCCACACCTG  TCAGCCGCCC  TGGCAGCCTC
531551   CCAGGGGCTC  AAGCCCTGGG  CCTCCGCCGC  AACCCGTTCG  ACCCTGGGTC
531601   CTGGCTCCGC  GAGCCTCGCG  TTTGCCCGGG  GCTGCTCTCG  TAAACAAACC
531651   CGGGCGTTGG  AGCAGCCCCG  CGGGCTGGGG  AGCGCGGGAG  CCAGCTCGGT
531701   GCGCGGTTCC  GGCGCCGGGG  GAACCGGGGG  CGAGCAAGGG  GCGATGGTGG
531751   CAGCCGCGGC  GTGCCGCGGC  AGGCGGCTCA  GCTTTGTTAT  GAATAGATGA
531801   AAGAGGCCAC  CTACACAGTA  ACCCAAATTA  CGAGACCTCC  CTCCTCCCGA
531851   TCTCACCGAA  TCAAGAAGGG  AGGGGAGATG  GGCGTGGAGG  GAGGGCGGGC
531901   GAGAGGCGGA  GGGCGGAGGA  GGAAGAGGAT  GAGGAAGGGG  CCAGTTGCAT
531951   CCCACTTTCA  CAATGGGAAA  GTGAAACGCA  CAAGCGCACC  CAACCTCTCC
532001   AGCCCTCCCC  GCCCGCCTCG  CTCCCCTCCG  CCCGTCCCCT  CCCTTCCCCT
532051   CCGCGCCTCC  CCGCGAGCGC  CCGCGCCGCA  CAGAGGAACT  CTCCGGCGAA
532101   GGCGGACGAG  GAGGAAGCGT  CTCCGGAGCG  CGCAGGGCTT  GCCGCCGCGG
532151   CACAGGCTGC  CGGAGCGAGC  CCGCCGCGCG  CCGTCCTCCC  TGCACTCCTT
532201   CCCGGCCGAG  CCGCGGGGAT  GGGGCGGCCG  CGGGAGCCCG  AGCGCGCGCA
532251   GGAGCCGCCG  CCGCCGCCAC  CGCCGCCCGC  GTCTCCGTCG  CCGCGCGCCT
532301   GAGCTGCCCG  AGCTGCCGCG  CGCCCTGCCC  GGGGCGGCC   CCCCTAGCCC
532351   CATGGAGGTC  TCCCGGAGGA  AGACGCCGCC  GCGCCCCCCG  TACCCCGCCG
532401   CACCGTTGCC  CCTGATCGCC  TATCTGCTGG  CGCTGGCAGC  GCCCGCCCGG
532451   GGCGCGGACG  AGCCGGTGTG  GCGATCTGAG  CAAGCCATCG  GAGCCATCGC
532501   GGCGAGCCGG  GCGGACGGCG  TGTTCGTGGC  GAGCGGCAGC  TGCCTGGACC
532551   AGCTGGACTA  CAGCCTGAAG  AACAGGCTCT  CTCGCCTATA  CCGGGACCAA
532601   GCGGGCAACT  GCACGGAGCC  CGTCTCGTTG  GCGCCCCCCG  CGCGGCCCCG
532651   GCCCGGGAGC  AGCTTCAGCA  AGCTACTGCT  GCCCTACCGC  GAGGGGGCGA
532701   CCGGCCTCGA  GGGGCTGCTG  CTCACCGGCT  GGACCTTCGA  CCGGGGCGCC
532751   TGCGAGGTGC  GGCCCCTGGG  CAACCTGAAC  CGCAGCTCCC  TGCGCAACGG
532801   CACCGAGGTG  GTGTCATGTC  ACCCGCAGGG  TTCGACGGCT  GGTGTGGTGT
532851   ACCGCGCGAG  TGGCACCGAC  CTCTGGTACC  TGGCGGTGGC  CGCCACCTAT
532901   GTGCTGCCGG  AGCCGGAGAC  CGCGAACCGC  TGCAACCCCG  CAGCATCCGA
532951   TCGCGACACG  GCTATCGCGC  TCAAGAACAC  GGAGGGGCGC  AGTCTGGCCA
533001   CGCAGGAGCT  GGGCCGCCTG  AAACTGCGCG  GTAGTGCGGG  CAGCCTGCAC
533051   TTCGTGGACG  CCTTTCTCTG  GAACGGCAGT  GTCTACTTCC  CCTACTATCC
533101   CTACAACTAC  ACGAGTGGCG  CTGCCACCGG  CTGGCCCAGC  ATGGCGCGCA
533151   TCGCGCAGAG  CACAGAGGTG  CTGTTCCAGG  GCCAGGCTGC  CCTCGACTGC
533201   GACCACGGCC  ACCCTGAGGG  CCGCCGCCTA  CTGCTTTCCT  CCAGCCTGGT
533251   GGAGGCTGTG  GACATCTGGG  CCGGCGTGTT  CAGCGCGGCC  ACTGGAGAGG
533301   GCCAGGAGAG  GCGCTCCCCC  GCCACCACGG  CTCTCTGCCT  CTTCAGGATG
533351   AGTGAGATCC  AGGCGCACGC  CAGGAGCTGC  AGCTGGGACT  TTCAAGCGAC
533401   TGAGCACAAC  TGCGTAAGTC  CAGCCCCCGG  GGTTCAGATG  GAGTCTTGGG
533451   TGACACTTAC  CAAGTCTCAG  GTTCACTACA  CCACCGACTG  GCCGAGATTG
533501   CAGGCTACTC  TAAAGCACAG  TCTGGGGTCC  CCAAAGGGAG  CGTGTAGAAA
533551   GGGTGACGGG  GTAGCGGGGA  GGATTGGAGG  GAGGTTCAAA  ACTCTAGTGG
533601   CTGCCTCTCA  TCTTTTTAGT  ACAAATGCGG  GCGCTTGTTT  AGGACTGAGC
533651   TCCCCCCAAC  CCCCCGGGCC  CGGGCTATCC  TCTGTTCCTA  ACCGCTTCTC
533701   CAGACCAGAG  TCTCAGTGGA  CATGTGGGCT  TGACCCTTTG  AGCTAACAGT
533751   TACTAATGCC  CTTACAGAAA  AAGCTATCGA  ACCTAAAAGA  CTCGCCGCCA
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533851   TGGCTGCAAC  CTATGTGATG  TGGTCTGTAG  AGTTGTGCCC  TGCTCCGCAC
533901   TGGTAAATAA  ATGCTATGGT  GCAAAGCCG   CTCGCAGACC  GCCCAGCCTG
533951   AACCAGCGCG  AGGGGCGGG   GCTGTGGCTA  GCCAAGGGTG  GCTGTGGTCT
534001   CAACCTGGTG  GAGAGAACCC  TAGGAGGCAG  CTTATGGTGT  ACAAAGCCTC
534051   GCCCTGAAAA  GGAGAACCGG  GTGTGTGTGT  GGGGGGGGGG  GCGGTTTGGA
534101   AAGTGTTGGG  GTGCTCCAGG  CAGTTTCTGG  GCTGCAGATT  TCCAGACTAG
534151   ATTGCGGGGC  TCTCTGGCAC  CACCCTTGAG  CTGTGCCTAA  ACCAGGCAAA
534201   AGACACAGGT  CTTCCCCTCA  GGGCTCACAG  GGCAGCCACA  GCTTGAAATC
534251   TCGAGATTGA  CAGTTCTTTG  ACCGGAAAAT  GAAGCGACAG  TTCAAGAGGG
534301   TCTCGCTGAT  GGGGATTACG  AAGTAACTCT  GCATATGGCT  CCTGAGAGTG
534351   GCCCTCCCAA  GGCTTCTGGC  AAGTAACTCT  GCATATGGCT  CCTGAGAGTG
534401   AAGCCTGCTG  AGAGCCTCCT  TAATCACTGG  ACAGGATTCA  AAGAGCAGAA
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180

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534451   ACGGAGGGCT   ACAGGAGTTG   CTATTGTTTT   GCTGTAAAAT   GAATCCGAGG
534501   AGGAAGGCGG   GTGGTAGTGG   TGGGGAGTCT   TGGAGTGGAG   AACTGTTGCA
534551   TGTACGTTTA   TTGTGTACCA   GGGTGCCTTG   AAACATTTCC   CCTAAGGTAT
534601   ATTGATATGC   GGGTAGAAAG   GCACTCCCCT   CCCGCCCTGC   AAAGCACACC
534651   TTACCAAATA   TTAGTCTTAT   TATTCATGGA   GAAAAAAAAA   GGCTTCCGGT
534701   CACTCGCTCC   TTCTCTGCTA   GGGCAAGCAC   ATAGCCATTT   AATTTCACTA
534751   CTAGTATACA   TTAGCAAATA   CACAAAGAGC   ACAGGTTGTA   CCCCCCCCCC
534801   CCAATGGTTT   AGCCTTGCTG   TAAGCATACA   ACTTAATATT   TAATATCTTC
534851   CTTTATATAT   CTTCATAATC   TAATCGCTAA   AGTTTGGTAA   ATCACTGCCT
534901   TTTTTTTTTT   ACTTCTCTGT   TGAAAGACTT   GAAACCTCCC   CTGCCCCCCC
534951   CCACGCTCCA   CGCGCCCCCA   TTTTACTTTA   AGTGTTAGGC   AGTTTGTCTG
535001   TGGGGTTAAC   AGCAACAGCT   CAGAGGCCCA   CAGCAGGTAA   CTACCACGGA
535051   AGTCCAAGCT   TTGCCATCTG   ACAGCTGTGT   CGATGTGCAG   AGCCAAAACA
535101   TTTCTCTTGA   CTGCATCTAC   CTAGTGGGTA   CTGGAGGACT   CGGTTTCCTT
535151   CCAAACCCAG   CATGCATCCT   GAATACACTC   AAAAGCCAGT   TTTTGGCTCA
535201   ATCAGGTGTT   CCTACTTGCA   TCGGGATGGG   GAGGGGCAGG   ATTAGTCTAG
535251   AGCTGTTTAT   CCTTCTTCCT   GAGAGAGAGC   TGCCCCTTGG   AAATCAAGCA
535301   AGGGATAAAC   ACAGGCTGCC   AAAAATCTGG   AATAGGGGGG   AAAATAAATA
535351   ATTAATTAAA   CAGGTCCCTG   TACAGTGCTT   CTTGCTCCTG   TTATTTATTG
535401   AGAACTCCCA   GGGCGCCCAG   AGCTGTGTGT   TCTGAAAGAT   GGGGTCTCTA
535451   CCCTCTGAGC   TTGTCATCCA   AGTTAAATGA   TATACTCAGG   TTCAAACAAT
535501   AGCTTTCCTT   GGCTGCACAG   GTGGGAGCTG   GGAGTTTGCC   TTTTCTTTCC
535551   TTTTCTTTTC   TTTTCTTTTC   TTTTCTTTTC   TTTTCTCTCT   CTTTTCATTT
535601   AAGTAAACTC   TCTGCTCCTG   GAATGCATTA   AAAAGCTTTA   ATGGGATTGC
535651   ATTTTAAGAA   CATTTGAATG   AAAAAAAAAT   AGGTGGTAGT   TTTGATGAAA
535701   AAAGGCCACA   ATTTGCTAAC   CAATTAAATA   GGCAGATAAG   ATACTTAACT
535751   CAACAAATAC   TTGTTTGATG   GCCTGCTTGT   GTGAGCCTGT   GAGCTATGCT
535801   GGATGCCACC   GACTGTGCCA   GCAAAGAGAC   AATAGCAGGT   TGCAACCCTG
535851   TTTAATGGGG   TCATGGGATC   AGTGTGGCCT   CGGTTGTCAC   TCACGGAGAA
535901   TGTTGTCACG   GAGATTGCAT   TTCTTTTTCG   GGTCTTGAAT   GTGTTTTTGA
535951   GAGGCGTGCT   GAATTATAGG   TGCCTGAAAC   AGGAGTTGGA   CCTGAAACAC
536001   TCCATAGAGG   GAGCCCCAGC   AGACTGCAAC   AGCTAACCCT   TCCTAGCAAA
536051   CACAGGCTCT   CCCACCCCGA   TTTTCTTTCT   TTCCTTCTTT   TCATCAGCAA
536101   TTCACAGGCT   GCCAAGGCTC   AAGTGTCTAG   ATTTGCTTGC   CTTCTTCTAT
536151   CCCCTCCCTT   GCCAGCTGGT   ACCTGTATGG   CCCATCTTCC   ACCAACCCAT
536201   GGTAATGATG   GCACTGGCCA   GGCAGTGTTT   GGTCTCTTAT   CTCCCAACTG
536251   CTCATTCTCG   TCCCTGCTGA   GGATTAATTT   CTGAGATGCA   ACGAGTGTGT
536301   ACTCAATGTT   TCACACACAA   GGCACTCCCC   CCTCCCTCTC   CCCCTCCTCC
536351   TCCTCTTCCT   TCTTCTCCTC   CTATTTCTTA   CCTTGCCACC   AAATTTCAGT
536401   GTGTGCTTTC   ACAGAGATCA   TCCGTTAGCT   GCAGACCCCA   AGCCCACCAT
536451   AATGGCCAAT   CTCTGCAGGC   CCACTCTCTG   AGGCCCCTGA   TGGGCATCAG
536501   AGTAACAGGC   CCTCCCGTAG   AGAGTTTTGT   GACAGCTTGA   CACAAGTTAA
536551   AGTCACCTGA   GAGGAGGGAA   CCTCCATGTG   ATTGGACTGT   GGGCCTGCAA
536601   GCCTGTAGGG   CATTTTCTCA   GTAAAGGCTT   GATGGGGAAG   GACCCAGCCT
536651   ATTGTGGGCG   GGGCTACCCC   TGGCTGCTAC   TCCTGGGTTC   TATAAGAATG
536701   CAGGCTGAGC   AATCCAGTTA   AGCAACACTT   GGCTGTGGTG   CTATGGCCTC
536751   TGCATCAGCT   CCTGCATCCA   GGTTCCTGCC   CTGACTTTCT   TCAGTGGTGA
536801   ACAATGAGGT   GAAAGTGTAC   TTTAAGCAAA   CCCTTCCCTT   AGTAGCTTGC
536851   TTTTGATCAT   ACTGTTTGAC   CCCAGCAAAT   AGAAACCCTA   ACTGATATCC
536901   CTCCCCAAAT   GATGCTTCCG   TGAGTCCTTC   AGCAAGCCCG   ACAGGCTGGT
536951   TCTGTGAAAA   GCATCCCATT   TTCCAGATTG   AAGAAGCTAT   GGTCAATAAC
537001   AACATGAATG   CCAAAGTCTT   GAAGCTCAAA   CCTAGGCCTC   CTGGTATATA
537051   GCTCTGTATT   CTTTTGGCCA   TCCTGGTTCT   TCTGGAAATG   TCCCCTGAAA
537101   GTTCCCTAAT   TTAAAAAGGC   AGAAAATGAT   TGCCCTTAGG   GCAGTGGTTC
537151   TCAACCTGTG   GGTCGCGACC   CTCTGGGAGA   GAGGTGAATG   ACCCGTTTGC
537201   AGGGGTCACC   ATGTCAGAGA   GCGTGTCTTT   ATAGTGCAAT   TCATAACAGC
537251   AGCAAAATTG   CAGTAATGAA   CTTAGCAATG   AAAATAATTT   TATGGGAAGG
537301   GGCGTGTCAC   AATATGAGAA   ACTATTAAAG   GTCACAGCGT   TAGGAGGGTT
537351   GAGTAGCACT   GGTCTACAAT   GTGACTTTGA   GAGTAGAGGG   TACCTTCTGA
537401   AGACAGTATT   TGCCACTAAT   TTTATGTTGA   GCTTTAAAAC   ATTACATGGC
537451   TTATTTTCTT   CATTATGTTC   TACAATGTAC   CTGTGTTTAG   ATTAATATAG
537501   AAGTGAATGT   TTTTAATTAT   GTGCTTTAGT   TTATGAAGTT   AATTTAACTA
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181

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537551  CACCCCTTCT  GGCACAGGAA  TTCCCGAAAG  GTGTGTTTGG  GTCTGTGAAG
537601  ATAGATTATG  CTAGATTTGT  TTGGCTGCCT  CAGTTGGGTC  CTAGGGTTGC
537651  CTATGGATTA  AATACAACTG  TTAGCCCTCT  GTAGAGGCTA  TTGTATTTTC
537701  TCATAGTTTG  GCTTATAGCA  TTGATTCTTT  AGTTCTTTCT  ATCTGTTGCA
537751  GGTAGATATG  TACACACCCC  CCCTTTCTTC  ACACTCACAC  AACTCTGATG
537801  TAATTCAGTT  GTCATGCAGA  TATGCAACCA  CAAGATGATT  GCATAGTCTC
537851  CACCAACCAC  AGCCAAGACG  CATGTCACTA  CTCTGAGGTG  ATAGCCCAGT
537901  TCTACTTGGC  AGTGTGACCC  GCTGACCTCA  AAATACAGTC  TTCCTGTGTT
537951  TATTACCCTT  TCAGTTTTTG  TTATGATTCT  GTACAGCCTT  TTTTTTTTTT
538001  CATCTGTAGA  CTAGATGGGC  AATTTTACCT  TTACACACAT  CTGACATGCA
538051  AGGGGTGGAT  TAACACAGGA  CAAGTGTAAT  GATGGAGCCC  ACTTAGAAAG
538101  TGGGAAAAAG  CAATCATAGC  TGCTATCTTC  TGAGCAGTTA  TCATGGCTGG
538151  GTTTGTGCAG  AGCAATTTAC  ATGCCTTATT  TTCTGTTGAT  TCTCAGTCAC
538201  CATATGAGGC  AAGGACTTTA  GTTATTATGA  TGATTATAGA  TGAGAAAATT
538251  GAAGCACTGA  GAGCTTCGGT  TAGGTTCCTA  GTTTGCAAAT  AGCGAAGGAT
538301  TTAGAGCTTA  TGTGATCGGG  CTCTAGGACC  TGGGTTTTTA  GCCACTGCTG
538351  TGGACAGTCA  GTCCCCACAG  ACGATGAGTT  TTAGTGTTCA  GCCTATCCTG
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538451  GTGATGGAGC  AGAGAATCCT  TGTTTGGGAA  CAGAGTTTTT  GAGTTTACAT
538501  CTCTCACCAT  CTGAATTACT  GTCTGGTGCC  CCGTGTGGTT  TCTCAGCCAT
538551  TCATTTTTTT  GCTAATATTG  TTTTTGGCAT  TTGGGCCTGT  AAATAACCTT
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538651  CAGCCAGACA  CTAAGAAGTG  TCTATTGAAT  GAACAAGTGA  CGGCTCTTGG
538701  AGGATCAAAT  TGGAAATAAA  TGCACTCTAT  ACTTAGCGGC  AATATTGTCC
538751  TGGTTCTGGT  CACCATATAT  TCCCTTACTC  GTCTTCCTTT  TCTTAATAGC
538801  TGATGTGTTT  AGGATTCCTT  CTCTTCAGCT  TCAGGGTTAG  ATGCTATCCT
538851  ATCTACTCTC  CCGGCTCTTC  ATAGCAATAG  CCAGACTGCT  TGTGTTACAA
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538951  GGTTGATCTA  ACAACATTCC  AATTCTAGAG  GGAAGAGCTT  TTTGTTGTAG
539001  GTCAGTGTTT  CTTAACATGT  GGTATATGGA  CCACCAGTGC  CAACATCACC
539051  CAGAGATTTG  CTAGAAATGT  AAATTCTTGG  ACCTAACATA  GAATTACTAA
539101  ATCAGAGACT  CTGGAAGTGG  AGTAAGGCTG  GATTCGTATA  AGTTTCCTAC
539151  AAGATTGAAA  TAAACATTCC  ATACTGCTGG  GGAGCTCCTG  AATCAGGAAG
539201  ACAAACAACT  CGAAATAGCT  TTAGGAAGAC  CCTGAAGCTG  ACCAGATTCA
539251  TGAGGTCCCT  CCCTACCAGA  CTGGAAGCTG  AGCTACAAGA  CTTTCAGACA
539301  AAGCAAGCTA  CGAAGAAGAC  TCTGGACCCC  ACCAGCTGCC  TGAAAGAGGC
539351  AGAGACCAGC  CAAGCTGTCT  AGAAGAGGTT  TAGATTACCT  GAGGGACCTA
539401  GAAAATGAAT  TCTTCAACCT  GTTGAGCTGC  CTGCAGGCTA  TGCAGTGCCA
539451  CTTCAGGGTC  CCAGCTTTGT  GAGCTGTCAC  TCATGCTGGG  GTGGGCTTTG
539501  GTGATGCAGC  TGTCTTTGAG  TCATTTCTGC  TCCTGTAAGT  GACCCCAATA
539551  AAGCTCACGG  TTCAGCAAGT  TGGTTCAGCA  AGTTGGAATT  TGGTGCTATC
539601  GGCACTATGG  TCTGTCATGG  GCTGTCTCCC  TGGGGTGAGT  AGACAGGTGT
539651  GTAACATTTC  TCCAGGAAAA  GTCTTGTCAC  ACAAACATC  AGGCAATTTT
539701  TGGGTTTCCT  TATTTTATTG  TATTCATTTC  CTATGTATGG  GTATTTTGTC
539751  TGGATGTGTA  TCTGCGTACC  ATATGCCATG  CAGTGGCCTT  GTGGGCTAAA
539801  AGACAGTGTT  AGGGCCTTTG  GGACTGGAGT  TAACAGGTGG  TTGTGAGCTG
539851  CCATGTGTGT  GCTGGAATCT  TACCTGGGCC  CTTTAGAAGG  ACAGACAGGG
539901  ATCTTAACTA  CTAAGCCATC  TCTCCAGCCT  TCAGTCTGTA  TTTTTAAACA
539951  GGCCTCAAAG  TGATTTGAAT  TCATGCTTCA  GGAAAAGAAA  GTGAATTCCA
540001  TTGTGCTCCA  ACTGTGGTGC  CTGGGAAGGA  GGCATTGTCT  CATTTTTCTC
540051  CCTTGTATTT  TATCATAAAA  TGCCTACTAA  GTGCTCACCC  AATCCTGTTA
540101  CTCCTATTCT  CTCCAAACAT  GTGATTGCCC  CCAGCAGACC  CTGAGGCTGG
540151  ATTCCCTCAG  AGGACAATGA  TAGAGGAGCC  AAACTGACCA  ACCCTTGACT
540201  ATAATAGCAT  GATTTCATCT  GTAACAGTGT  GACATCATCT  ATAATAGTGT
540251  GATGTCATCT  ATAATAGCAT  GACACCATCT  CACTTCCGTC  AAGGTTTCCT
540301  TATGACTTCC  TTAAATATGT  GTAGGCACAT  GAAAACTGGA  AAGCCTCAAA
540351  GCCACCATGG  GGACAATTGG  TTGGAATCAT  GGGTCTAGTT  TATTTACCAG
540401  AGCCAGGGGA  ACAACAAACA  TGGACCACCT  AGGTCTACCA  TCTTTCTGTC
540451  TCTCACTCGA  AAACAGACTT  CTAAGAGATA  ATGATAAAAT  AAAGTATCAG
540501  TTTGATCTGA  TATACTCACA  AATTTTCTTA  TAATATTACC  TTCATGAAAT
540551  ACTAATTTGC  CGATGTCTTA  GGGTTTTACT  GCTATGAATA  GACACCATGA
540601  CCAAGGCAAC  TCTTCTAAAA  GACAGCATTT  AATTAGAGCT  GGCTTACAGG
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182

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540651   TTCAGAGGTT   CAGTCCCGTA   TCATCAAGGC   AGACATGATG   CAGGCTGAGA
540701   GTTTTACATC   TTCATCTGAA   GGCTGCTAGC   CGAATATTGA   CTTTCAGGCA
540751   GCTAGGATGA   GGGTCTTAAA   GCCCACACCC   ACACTGACAC   ACTCCAAGGC
540801   CACACTTCCT   AATAGTGCCA   CTCCCCGGGC   CAAGTATATA   TGAACCATCA
540851   CAGCCAATGT   TCATGTTACC   ATAGCTGATT   CCCCCCTCCC   CAACCCCCAT
540901   TACTTGAAAA   TAGCTTTCCC   CTGCTCCTTC   CATAATATAT   CAGGATTACA
540951   GTTATCTCTG   TCCCTCTATT   CCTCTCAGTT   CCTCCCCACC   TCCCCAGCCA
541001   CCCAGGTTCA   CCATCTTTCT   GTCTCTCACT   CGAAACAGA   CTTCTAAGAG
541051   ATAATGATAA   AATAAAGTAT   AATAAGATAA   AACAAGAGCT   AATGCATCGG
541101   AATAGGACTA   AACAAACAGA   AGAAAAGAG   CCTCCTAAAA   AGGCACAAGA
541151   AACAGATATA   GATGCAGAGA   CACACACCCC   TTCCTCATTC   GCCATAATCC
541201   CATAAAAACA   CTAACTGGGA   GCCATAATAA   GCAAAGGACT   TACAAGGTAG
541251   ACATTTACAC   ATATATATTA   TATTACATAT   AATATATACA   TGTGTATATA
541301   TATCCCTGCC   ACAATATTGT   GAGATGAACT   TCTAAAGATG   CCATTGGACT
541351   CATTTTCTAT   TGGCCATCTA   GTGCTGGGCA   TGTGGCCTAC   CGTGAAGAGT
541401   AGTTTGTTTC   CCGAGTAAGA   CTGCCTTGGA   GGAACTAAA   TTTTCATTTT
541451   CAAGCGGTTA   TCAGTTGAAG   GTGGCTTCTG   GGCTAGAGAT   GGGGACATGG
541501   GTACACTTCT   CTTTTCTGCT   GTAGGACCCG   ATGTGGCACA   GAGCAGTGCA
541551   GGCTCTGTGT   GTGCATGCTG   CCTCCATCTC   TGTGAGTCTG   TGTGTGCATC
541601   AATCCTGGTG   ATGTTCCCCG   GAGAGCCTCC   ATCCCCTCTG   GTCCTTATAC
541651   TCTCTCTGCC   TTCTCTTCTG   CAGGGTCTGA   GCCCTGATTG   GGGTGGGGAG
541701   TGTTAATGGA   GACTCCCGTT   AAAGGCTTAG   AGTTTCAACA   GTAGCTGGTT
541751   TAATGTATTA   GTTCCTCTGC   TCCACTATTG   CTTGGAGTGC   TTTCTTCAGA
541801   GAAGTTAGTG   GTTGGGGAAC   TTGGCACTAT   TTTTAGCCCA   ACAACCATGC
541851   TGTTATACAG   ACTTCAAAAC   TTTTCTGTAA   AGAGCCAGGT   TGTTAACATT
541901   TTACTCTTTG   CAAACTACTC   TTAATCTCTT   AATTATGGTT   AATCTCTTAA
541951   TCATAGCTAC   TGACCTCATG   TTGTTCTCTG   AATGAAGCCA   GGGATTGGTA
542001   TATAAATAAG   CCCACAGAGC   TAGGGCCCTA   TGAAATATTA   TGGACACTGA
542051   AACCTGAATT   CCTTCTCATT   TTTATTTGTC   ATGAATTATT   CTCACCCCTC
542101   CCCCTAAATT   TCAAATCATT   TAAAAACGTA   AGAACTACTC   TTGGCTCACA
542151   GGCTATTCGA   ATACAGGCCA   GATGTGGCCC   ACTGGTAGTG   GCTTGCCAAT
542201   GGCTGCTCTC   CTGGAAAGTT   GGGGAGGAAA   GCAAGCCTTC   TCCAAGGCTG
542251   CTATTCCATC   TAGAAGGGGC   CATGACAGAA   GGGCTTGGAA   GCCCTAAGCA
542301   AGGGTGTCAT   CATCAGCAGA   GGGAGACCCA   GAAGGCTCCA   GAGCAGGGGC
542351   AGGACGCTTG   AGCGGTGTCT   TGAAGCTTAG   TGAAGAAGGC   AGACAAGGGA
542401   GTGCTGGAGA   GCATCCAGCT   TGCTCGCAAG   TGGGATGTTG   AATGAGTCTC
542451   TGAGCCACAA   GCCACTTACC   CTGGCTGGGG   AGTGTCCAGA   ATTGAGTGTG
542501   CAGGACCAGA   TGGCGAAGGG   CATAATGAGA   CAAGCAAAGG   TGGGTAGGTT
542551   TACCCGGATG   GTCACTTTCA   GACTTTCCAA   ACCTTGCTTT   TTAAAATAAA
542601   CACTTGCCCA   GAAGCTCCGT   GTGTTCCAAA   AGAACAGCGG   GTCCTCTTTG
542651   ACCTGCTGTT   CCAGGAAAGA   GCCTTGCCAA   GTTCAGGGGT   GCTAGGTGAA
542701   GCAGGTTGCA   AAGTCCCCAG   ATCCCACAGC   TTGCCCCACC   CCCCACCTGC
542751   ATCCATGCGT   CATCTTCGGG   ATTTCTGCTG   AGCTTGGTGG   GAAGACCAAG
542801   ACTGAGGATT   TAGGGAGCAG   CAAGAGGTTT   AGAAGCACAC   CCAACCCCAG
542851   TGTGTTCTAG   AAAGATCACT   CACGATAAAG   TGGGTAAAGC   AACTGATTAC
542901   AAGGACAGCC   ATTGGTTCAC   ATTGGCTATT   TCTTGTATTT   ATTTATATTC
542951   AGGGGCCAGC   CGTGTGTGAA   AGCACCGCTC   TCAGCACTAA   ATAGGGAAGA
543001   TAATAAACTT   GTAGCAAATA   GGTATTTTTT   TTTTACATTA   AAACGATAGC
543051   TAAAACTTTA   GAAGATGCCA   TATAGCACTG   TATCCCTCTA   ATCCTTACCA
543101   TACTTTTACG   AAGTGAGGCG   TTTGTATTCC   CCAATTCGCA   GATGAGAAAA
543151   CAGTGATGCG   TGTTAGGGGG   AGGTGGGGGT   GTGGGGGGGT   GGGGAAAGTT
543201   CTTCTGAAGA   CAAACAAGAC   TTCCTGAGAG   CCACAACCCC   ATCCCCACCC
543251   CCGCTGCGCA   TGCGCACCAT   AGCTGGGTGC   CTACTTTGCC   AAGAAACCTG
543301   AGGGCCAGTG   CAAGTGCTCA   TGGGAGGACA   CCCTGGTCAG   TGTAAAGAGA
543351   ACCTTGAGTG   TAGTTAAGGG   TGTGAGGGAG   TGAAGAGGAG   AGTGGCAGTG
543401   GGCTGTAGGA   CGAAGTCGCA   GCCCTTCCAA   CAGGACCCCC   TAGGCTGTGG
543451   GAAGAGATTA   GATTTTAGTC   TCAAAGCCTG   GGAGAGCTTT   TTGAAGGGAA
543501   GCAGGATGAT   TGGATTTGAA   TTTCTAAGTA   ATGGCTGGCC   TGTGGGGAAT
543551   GGCTGGCCCT   GTGGAAGGAG   GAGAGCCTGC   AGGAGGCTCT   TACAGTATTG
543601   CCGGGACAGA   AATGATGTTG   CTTCTAGCCA   AGAGTGAGAA   GAGAGGATGC
543651   AAATGGACTG   TTATTTACTG   TCATAAGCCG   ACGGATAATG   AGGACCTGAA
543701   CTGCATTCCG   GCCATGAACA   CAGAAAGGAA   GGAGGGGATG   AGATAGCTCA
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183

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543751   TTAAGGAATG  GTATTGAAAA  GTGTTGGCAG  CCCGTTAGAA  GATGACTTTA
543801   ATTGCTGTTG  GGTTTTGGTT  GCCTTTGGGA  CATCCAGAAA  GAATGATAAA
543851   AGAGGCATTG  TGACAAATTT  TAGGAATTTG  TTCCCCCAAA  CTTAGAATAT
543901   GTTAGGCTCT  TTTAGGCTCA  AACAGCCCTA  TTTGGACTGT  GTGTGCCCTG
543951   AGTGGTATTT  TAATCTGCTC  TCTTTTGCTA  TAACGAAAGA  CCTAGATCAA
544001   GCTATAAAGA  GTGGAAGTTT  ATTTGGCTCA  GGATACTGGA  GATTGGGAAG
544051   TCTATTGCCA  TGGTCCTGGC  ATTCAGCGAG  GGCTTTCTTG  CTATATCTTC
544101   ACACGGGCAA  GAAAAGTGGG  TGCAGCTCAA  ATACCCCTT   CTGTGGAGGA
544151   AGCCACTAAT  GTCATCCTTT  TGTAGAAAAG  ATTTATTTTC  ATTTATTCAT
544201   ATTGGTCCTT  TGTCTGCATA  TGTGTCTGTG  TACTTTGTGT  GTGTGCAGTG
544251   TCTGTGGAGG  CCCTGGAGAG  GGCATCAGAT  CCCTGGAACG  GGGGTTACAG
544301   ATTGGCATGA  GCCACCATGT  GAGTGCTAGG  AATTGAACCT  ACTACTTCTT
544351   TTGCAAGAGC  CATCTCTCCA  GCCCCAATGC  CATCTAATCT  TAACAGTCTC
544401   CAAAGGATCC  CACCTTCAAA  TATGAATGAC  ATGTGGATAT  TGGGGTTCTG
544451   CTACTGACAG  ATGGACTCTT  GGAGGACACA  TTCAAATCAT  AGCAAGGGGA
544501   GTGGCCTGGC  TAGTTCATCC  CATTCTTTCC  CATGATGCCA  TCGAACGCAC
544551   AGTGATTGAA  CCCTTAGCAA  ATGATTATAC  AAACTGCAAA  GAAGGCTCTC
544601   CTCATCTAGT  GGAAAAGACA  GTGATAAGAG  GGGGCTGAGA  TAAAGGGTTC
544651   CAAGATGGGG  CTGTGTTTAC  AGGAATAATA  AAAGCCAGGC  AGTCTGAAAG
544701   GAAGGGTGTT  TCTGGGGACT  TCCTGCTCAG  TAAGGCAGAA  TTTCTTGTCA
544751   GGGCCTCCCT  ACCCCCAGCC  TGGCTGAAGA  AGTGTGTTAT  CTAACACGCC
544801   AGCTGTTCTC  CATCATTGCT  CAGTGGCCTC  CCCTGAAGGC  TCCTCTCTTC
544851   CACTGTGACC  CCTTTTAAGA  ACTGGATTCC  AAGTACTGAC  CCGTGTTTCT
544901   CTGAGGCAGC  GGGATGGGGG  AAAGCCTGAA  GCAGCTGGTA  ACCACGGGTG
544951   TCGTCTTGTG  TCAGGCTCCC  ATACTCAGCA  ATATTTCTTT  TCTTAACCCT
545001   ATGGGAGTCT  TGTGCCATGG  GCCTCTGATG  AAACCCATAG  CTCCTAAGCC
545051   TATTTTTAAT  GCCTCAAATA  ATTTGGGCTG  CCAAGTAAAC  CAATTATATT
545101   GCTATACAAA  GATGTTACTG  TGTAGTAATA  TATCTTAACA  CATTGAACAG
545151   CTAGGTCTAG  CAGCAGCAAC  CACTATAATC  TCAAAGTAGA  GATGAGCTTA
545201   AATGATCCTT  TGAGATATTC  GCAGTAACTA  TGAAATGATA  AGAAAGTGTC
545251   TGATTTCTTT  TGGTGACAAG  GCATGGCTTC  ATTTAATACT  GCTGTGGACT
545301   GAATCCAAAT  TAGGGGAAAT  GCTGCTTCAC  TTAGAGCTGA  AGTAAAGATG
545351   TACCTGCCTC  CTCGCCTGCT  CCATGGATTC  CTTGAATTCT  GGGCCTGAAC
545401   TAAGGATATG  AGTAGAACTT  CCACTCTGAA  CCATTCATTC  ATTTACGTCT
545451   GAGAAACCAT  AGTGTGAAAT  GTAAAGTGTC  TCATTTTGTT  TCAAAGCCCA
545501   CTTGATTTAC  TTGCCTATAT  TTGTGAGCTT  ACTCTTATAT  GTATTTATAG
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545651   TGGGTGGGTA  GATAAGTGGG  TAGATGGGTA  GATGCATGGG  TGGATGGATG
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545751   GAACGGAAAT  ATGGATGGAT  GGAGATAAGT  GGGTAGATGG  GTGGATGGAT
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545851   GGTTGGTTGG  GTGAAAGGAT  GGTTGGGTGA  GTGGTAGGTG  GATGGTTGGA
545901   TGAATGGATA  GATAGGTAAG  CAGATAGACC  AGGTAGGTGA  ATGAGTGTAT
545951   GGGTGGTGGG  TAGAAGGATG  GATGAAGAAA  ATTCAGAGAG  GAGAAATGAC
546001   TATCTAAATT  CTCTCAACTC  CTAAGAAATA  GAGCTTGACT  GTGAATCTGA
546051   TAGTTTAATC  TCTTGTTATA  ACTTTAGAGT  TGAAATTTCT  AATTCTTTCT
546101   ACCCCTCCCA  GCTTCACTAG  TAACTTTCAG  AGTTGAAAGA  ATGTTAGCGC
546151   CGGGCGTGGT  GGCGCACGCC  TTTAATCCCA  GCACTCGGGA  GGCAGAGGCA
546201   GGTGGATTTC  TGAGTTCGAG  GCCAGCCTGG  ACTACAAAGT  GAGTTCCAGG
546251   ACAGCCAGGT  TACAGAAAAC  CAGTCTCATA  AAGAATACTA  AAATGAAGAC
546301   AAGCAAGGAA  GAATGTAGCT  ATAGTCACTA  GTTATAAACG  GCCCTGGCAT
546351   TCGACCTCTA  ATACTCATAT  GAAGTCACGA  ACAGGATTAC  ACTGTATAGC
546401   ACGGGCTGTC  AACTGGAACC  ACGCATAAGC  AGGAAGTGCC  TGAAGCTAGA
546451   AATCAGCAGC  ACGTGCTCTG  AAGCGACTCT  AATTGGTACG  CAGGAGCGCA
546501   TAGAGCTGAC  ATAGAGAACA  CAGAGAAGGA  GCGCAATGCG  GGCACAACAA
546551   TCAGGGCAGG  GATGCAAGAA  AGGCACAGGC  GAAGGAACAA  CGACAGAGAC
546601   AGGACACAAA  CGGAAAAGCA  AGAAAACAAA  CAGAAAGAAA  CCAGAAAGCA
546651   AAGCAAACAA  ACCACAAATG  ACAATAACAA  CAAAAGACAA  AAGCATGGAT
546701   GAACAGGAAC  ACGAAAAAGC  GAACAACACA  GATCCAAAAG  AACACCACAA
546751   AAAACACGGA  CACAAAAGAC  ACACAGCACA  GCCAGTAACA  CAACAGGACA
546801   CAAAGCAGCA  AACCACACCA  AAGCAACGGG  CCAGCCAGAA  AAAGAAAAAA
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184

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546851   AACCAAACAG  CAGCAGAGAC  CACACAAAGA  AAAGCACACA  AAGTGACCCA
546901   GCCACATAAA  CAAACAGAAA  CAAGCACACG  CACCAAAAAA  GACAAAACAA
546951   GAAGAACAGA  AAAAAAACAC  AACAACAGCA  ACAACAGCCA  ACCTAAGXXX
547001   XXXXXXXXXX  XXXXXXXATA  CTCATTTTTT  TTTTAAGACA  GGGTTTCTCT
547051   GTATAGCCCT  GGCTGTCCTG  GAACTCACTT  TGTAGACCAG  GTTGGCTTCG
547101   AACTCAGAAA  TCCTCCTGCC  TCTGCCTCCC  AATTTTTATT  TTTATATCGT
547151   ATTTTTTGTT  GTTGTTGTTG  TGTGTATTTG  TAAGCATTGC  ATGGTGCACA
547201   TGTGGGAGCC  AGAAGTTGTT  GTGTGTGTAT  GCATGAGCAT  TGCATGGTGT
547251   ATGTGTGGGA  GCCAGAAGTT  GTTGTGTGTG  TATGCATGAG  CATTGCATGG
547301   TGTACGTGTG  GGAGCCAGAG  GATTACCTTT  AGAAATCAGT  TCCCTTCTTC
547351   CACATGTGGG  TCCTAGGGAT  TGAACTTAGG  TCCTCAGGCC  TATCAGCAAG
547401   TGCTTTTACC  CACGAAGCCA  TTCCCCTAGC  CCTGAATTAA  GTTATTCTAA
547451   TTATGAGAAG  AGACAGCTTC  TTTATTTTGT  TCAGAGCATG  TGTCAAATAC
547501   TTTGTTCTGT  TCTTAGAGTC  ACATTATTTT  ATTTTGTTAC  AGTTGCGGCT
547551   TGTATGTTGC  TGTTATGAGG  CCATGTGTCT  CCATACAGCC  CAGTCTAAGC
547601   TTAAGACTTG  AAATGTAACC  CAGGTTTGCC  TCAAATCCAT  GATCTTTCTG
547651   CCTTAGCCTC  TTGGATACTG  GGAAATAAAT  GTGTGCATGA  CCACAAATGG
547701   ATTTAGAGAC  ACATTTTAAA  TAGTGGTACA  CTCAGTTACT  AGGCTATCTA
547751   TGGATCAGAA  GCTGTCTCTT  GTGAGTTATT  GATAAGCTGT  GGATATGAGA
547801   TTAGGTTTAG  ATACCTGGTA  TGAGAATGTG  GGGAATAGTA  ACTTACTATC
547851   GCTCCCCAAC  GCAGACCAAG  ACCCACTGTT  TACAAGGGAC  AAATCTTGCC
547901   TCGGTTGAAG  AACTCTGTAA  TGATTAAACC  TACTTAGCAG  TGTTCCTTAC
547951   TTGCCTGATG  AGATATTGAT  TGAAAGTATC  CAAACATTGA  TCTATGTGTT
548001   TATTTATTCA  TTCAATAAAC  ACTTATCGAC  ATCTTACTAC  AAGCTGGATG
548051   CTGAGGTGGA  GGCTGCTCTC  AAACTAGAGA  ATAAGACAAA  CTGTGGTAGA
548101   GCTCAGAGTC  TTCTGGGAGA  TAGACAATAA  GTACAATTTT  TAAAACAATT
548151   ATAGGTATTC  TGAAGGAAAT  GAGCTGACTG  CTATGATTCA  GAGTAAGAAC
548201   CGGGAATGAG  GAGAGACGAG  TTCCTGGGTT  GCTGAAGAGT  TAGCTTAAAA
548251   TCTGAAATAT  CCAAAAGAGT  CGGTCCACAG  GGAACTGGAG  GAGAAGCAGC
548301   AAAGAAATAG  CGTGTGGCGA  GACCTGAGGT  GGAAAGATGG  CAATGCATCC
548351   CTGAAAGAAA  GCTGCTGTAG  GAGCAAAAGC  AGCTTAAAGG  AGGAGAGCTA
548401   AGGGATGTCT  CTGCAGTCAT  CAGGGGACCA  GCACAGGTGG  GGTCTCAGGT
548451   CTCTGGGTAT  AATTCTGAGT  GTAATGGGCA  ACATTGAAGA  CTGTTGAGGA
548501   AGGTCTAACT  TGTCTTAAAG  ACCACCTTGA  CTGCAGGATG  GAGGACAAGT
548551   TGTGGTTTTA  AGTGAGAGAA  CAGTTGATCA  GGAGGGAGGT  GCTGGGAGCT
548601   CAGCCTGGGT  AGATGCCATG  GAGAGGAAGA  GGAGGATGGG  CTGGAGAATG
548651   CTGGAAAATC  TGGCTTGGAT  AACAGAGCCA  GTCATGGGAG  CAGAATCTCT
548701   GGGATTGACT  GGTGGTCCTG  TTGACTGTGT  TGAGTTAGTG  TTGAGGAACA
548751   GAGTAACAAG  AGAGAAAGCC  TAGACAGCAT  CTTTCAGGAA  CTCTGAAGCC
548801   GTGCACGGAT  GGGGTGGTTC  TCATGACACA  ATGACATCAG  TGTGTTTGGA
548851   GAGATTGGGG  AAGGTACTTG  GCACTTGTCG  GCAGCATGTA  GGGGGCACTT
548901   CTGGCATCTT  GTGGAGAGTA  GACCAAGATG  GCCCAAGAGA  CATACCTCAA
548951   GATGGAAATG  ACTCCACTCA  GAACACCATT  AGCTTTCTCG  TGGACAGATT
549001   TTGGTGGACT  ACCTCCTTCG  GTTTAAGAGG  CTGGAGGATC  CCGTTTCCAT
549051   GCTGCCTACC  ATTCATAGCT  TTTGGGGAAT  GATTTAAGTT  GTCTTTTCAA
549101   AAACATTTAG  CTGAAATTAC  CTAGAGGGAA  GAAAAGAGAT  GGTATGAACC
549151   AGGAACATAA  AACCCGAAGG  AGGAAGTAGA  ATGGTCTTGG  AGAGGGGGCT
549201   TTAGCAGCAG  GTAGGATGAG  GAAGTGGACG  ACTCAGGGCA  GGAATAGAAG
549251   GACATGTGAA  GTCTGTGCCT  CTTTCAAGTG  TCTTCTGCAG  GGGAGCTATC
549301   CCCTGAGACA  TTGTCACACA  GCTCTTCCCT  CAGCCGCCTT  CTGCATCAGC
549351   CTCCTGCACA  CCTTGGGTTC  CTCCCATGAC  TCTGAATCCC  TATGAAAATG
549401   TCCCCTTGGA  TGGCCCCATA  CATGTCATAA  ACTTAGCTGG  AACCCAGTCG
549451   ATGCTGTCTG  TTCCAGAAGA  ACTGGAAGAA  CGTGACAACC  TGAGCAGCTA
549501   ATGAAGTCCC  ACTCTAACTT  GAGTAAAAGG  TTTGTTTGGT  TTGTTTGGTT
549551   TGTTTTGTTT  CCAGTTCTTT  AGCTTGATGA  CGATGACTTC  CTAATTATTG
549601   TCATGCACAC  GATGTCACTT  GAGTCTCGCG  GCAGTGCTGG  AGCTAGGCGG
549651   GGCACGAGGT  AGGGATGTGT  CCATTGTACA  ATGTGGTGAC  CCGAAGAAAC
549701   CCACTTGCCC  AAATCAAGCA  GACTGTCAGA  GACTAGAAAT  TGGAATTCAG
549751   AGTCTTACTA  ACCGGGTCCC  TGATGAATCA  CAAATAGCAA  AGGATGGAGA
549801   CCCTGTTTGA  AAACAAGAGT  AACCCAAGGG  AACAGAATAC  AAGATGAACT
549851   GCCCAAGAGG  GCATTTTATA  AACCCGAGAA  ATTAATAAGC  ACCAGCTGCC
549901   ATTCATTCGC  CTTTGTCTTA  TAAGGAAAAA  CCAACCTCAG  GAGTCTTCTT
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185

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549951  AGCACTGGGT  TTGAGTAAAA  AGCTCAACTC  TCTCTCTCTC  TCTCTCTCTC
550001  TCTCTCTCTC  TCTCTCTCTC  TCTCTTTCTC  TCTCTCTCTC  TCTCTCTCTC
550051  TCTCTCGGTC  CCCAGCACTG  GAGGCCCAGC  TTTGTGGATA  TTTCCTGTGT
550101  GCCTTACTGC  AGGAACTTCA  TTGGGTAGAC  CTTGTATGGC  ATCTTTGGTC
550151  ACCTAGGAGG  CAAAGCTGAG  GCTGCCTTTT  CATGTCCTAG  AAATCATGAC
550201  TGGTGCTCCC  TTTGGACTTG  TGCAGTGAAC  AGTGTGGACC  ACAGCTCTGG
550251  TGATCACTGC  AGACAAAAAT  AGTATGACAT  GGCCATCAAA  CTACTAGATA
550301  TGCTCACTAC  TCCTTATGTA  CTGGCCTGCA  TGCATGCACA  CACACGGGAA
550351  CATGTCCATC  AGCCCATGGC  GTGTTCCCCA  CCCTCGATGG  CCTGGTCCCA
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550451  GGGTGCTTTT  TCCTCTGGCT  GAGAGAAGTT  TCCCCTCAGT  GAGAGCTAAA
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550651  TCATTATGAG  GCATTAACCT  TGTTACACAC  AGACGAACAA  GCAGAGGCAG
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550751  CAACATTAGC  AATTACACCC  TAAGGGAAGA  GAAGGGCAAA  ATAGAAGACA
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550851  TGCACGATTT  CCCCTCTTTT  CTGCTTGACT  CCCTAGGTAT  TAAGTTCCCG
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551001  GGACCTGTCC  ATTTCTCTGT  GTTTTTAGCA  CAAAAGAATC  CATTTCCATT
551051  CATCCAGACC  GGTCCTGGGA  GCTTGCTGGG  GGGTCTAAGC  CTCTGCCCTC
551101  CTCTTTTCTC  CCAGGCTCAT  AATTAGCCAC  AGAGTTCTGA  CTACTGCGAA
551151  GGGCCTCTTG  GCTGGCCCAC  TGCTAGATCC  AACAAGTTAT  GGTTGTTATT
551201  CCTTAAACAG  TGATTTTCAG  GAAATCCCAT  GGCAGCTACT  GTGGTTAACT
551251  TAGTGAAAAC  TCTGTCCCCA  AGAACCTAGG  GCCCATTGTG  TTTCTCCTGC
551301  GCTAATCTCC  ATGAGCTGGT  TTTCGTCCTC  CATCTTGGAT  TTAGTGGAAG
551351  CAAAATGTCT  TCCTTTTTCT  ACGTGCATAT  CTTATGCCTC  TTGTAACTGT
551401  ATCCCAAGGG  AGGGCATGAG  AAAGATCCAA  CAGCTCACCT  GCAGAGTTTT
551451  ATCAGTGAGG  AAACTATATA  GCCAGGAACC  CTTCCAGGGA  GCTCCTTAAG
551501  TCTCACTGAG  TAGCCCTGGG  AATGGACAGC  CATAGTTCTC  TGTGAGATAG
551551  GAGGACAAAT  GCCTGGTAAT  GGTGACTGGA  ATCACCATTT  GGTTGGACCA
551601  ATTATGGCTT  CTGTCTAGCT  TGGGTTATTG  TGATCTGAAG  GAAATTTTAG
551651  AAGAACAGCT  AGCTGTCTTG  GGTGTGGTAG  CAACTGTTTG  CCTTTTTAAA
551701  TAAGGTAGTG  GCCACAAGTA  CAGCTTACTT  GTGTGTAACT  GTGTGTCAGG
551751  CATTTTACCA  AACGAATTCA  TTTAGTCCTT  ATAAGAACTT  AACAACTGTG
551801  AAGAAGAAAT  GTTATTACCA  ACCCTTCCAC  GATATAGAGC  AGTAGTTCTC
551851  AACCTTCCTA  ATGCTATGAC  CCTTTTATTA  CACTGCTTCA  TGTACTGGTG
551901  ACTGCCAACC  ACAAAGTAT  TTAGTTGGTA  CTTCATAACT  GTAATTCTGC
551951  TACTCTTATG  AATCGTAAAA  TATCTGATAT  ATGATTCCCC  ATCCCACCCC
552001  CTGTTGAGAA  CCACTTGTTA  TAGGGCTGAA  ACAATACATT  TAAAGTCCCT
552051  TAGCTAGACA  ATAACAGGGC  CCAGGCTCAA  CACAGGTATT  GGGCTCTTTG
552101  TCTGGAAAGG  TGGTAAGTAC  ACACCGTATA  GCACCCTGAG  AATATCCATG
552151  TGCTAGGTAG  TATTACTCAT  ATGATCACTT  AAAACCACCT  CCCTGATGCT
552201  GCAGCCCTTT  AATACAGCTC  CTTATGTTGT  GGTGACCCCT  CTACCCCAAC
552251  CATAAAATTA  TTTTCACTGC  TACTCCATAA  CTATAGTTTT  GCTAATCTTA
552301  TGAATCATAA  TGTAAATATC  TGTGCTGGAA  AGCTGTGTGG  TCTTAGGTGA
552351  CCCCCATAAA  AGGGTTGTTT  GACCCCCAAA  GGGTTCCCAA  CTATCAGGTT
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552451  CACATTGGCC  TTATCAGACA  GTAGAGAAAG  CCAACTCAAC  TCAGATTCAG
552501  TAAGTCACCA  GGGTTATCCG  GTGAGCGAGA  ATTGAGTTCA  AAGGCAGAGT
552551  AGACCCGGGT  GGTTTGTCCC  ATCCCACCAG  TCTCTCAAGT  AATACAATAA
552601  TGAATGATTG  CAATTCGTAG  CTGTGCTATT  AGTCTCAGGC  TTATTTGAAA
552651  ACTACATCTT  TTGGGAAGAA  GTCAGAAGTC  AAAGGAGAAT  GGGAATGGTT
552701  TTCCTCCTGT  TCCTGTCCAG  CTTCTGGCCA  GCCTATGTGA  CTTGGGGAGA
552751  GTCTTTGGCA  AGCAGGCTAT  CTCCCCCAGC  CTCAGCCAAA  GCCTACCCAG
552801  GCCAGCACTG  TCCATGGATA  ACTGGAACAG  AAACGGCTAT  TTGGTTCCTA
552851  CCGCAGACCA  GACCTAAGAC  TCCAGTCCTA  CTCGGTACTT  GTGGGTAATC
552901  AACAATCCAC  AGCCCTTATT  CCTTTTGTGT  TGATAAGAGG  TGTAGTCCTC
552951  TATTAAGAAA  TATGATAGTG  TGAGAGCATT  CTCAAAGCTC  AGAAATGATG
553001  CCCTAAATCT  CTGACTTCGC  TTCTCTATGA  TGCTCAAATA  AACAATAAAT
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186

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553051   AATAAACACA   ATAAATGATC   TTACATTTGG   ACAATTCTGG   TTTTATTTTA
553101   AGCCAGGATG   TGTGATGTGT   CTGTGGGGTG   GGGTTTTTTG   TTTTGTTTTT
553151   CTTTTTTCCT   TTTTTTTTTT   TTTTTTGGTT   TAAAGGTCAT   CCAACTTTTT
553201   TTCTGCTCAT   GATCACGAGG   CTTCCTTATC   TAAACAGAGG   TCTATTGTTC
553251   CAGTCCTCAG   ACCTACAGAG   ATCTTTTTTC   CTCAACTTCA   CTTTTAACAG
553301   GATAACTGCT   CAACCTCCCC   AATGGCAAGA   GACGTAAGGT   CTTTTCACAG
553351   GAAAACATAA   ATGTCTAATG   GGCATTCCAG   AAGTCTCCTT   CAAAGGGAGT
553401   TTACTATATA   GCATTTTATG   CAAATGAGAC   ACTCTCTTAG   GCTGTGGCAT
553451   TCCTTCCTTG   AAACAAGCCG   GGGTATCGGA   GGGAGCTACT   CTCCTCACTT
553501   ACCATTTCCT   CACAGGACAA   CATCAACAAA   GAAATATCGA   TGGCGCTTTT
553551   AAAGCCTTCA   GAAATCAATT   TAGTCCATGA   ATCTATTTAG   TTTAGATGTT
553601   AATGAAACTT   GGTGGCTTTA   AAAATAATGA   ATATTTAATA   AGACATAAAT
553651   TGAAAGACAT   AAACACTGTT   GGCAATAATA   TAATGAAGTT   AATAAGTCTT
553701   GGACCCCCAT   GTCCATCTCC   CTGCTCCCCA   AATGGCCCCA   TCTCAGGAGT
553751   CTCTATGATG   TTCACTGAAG   TTTGCTGCCT   CTCATATTGG   CCGCAATTTA
553801   AATGCGCCTT   TGAAAACCGT   AATACGGTTG   GGAATCGGGC   TGTGGCAGAT
553851   AAAGTGAGCT   ATCACACTGT   GTTCAGTAGC   TGCAGTGGGC   AACGGCTCTC
553901   TCTTAGCTCC   CTATCTTCCA   GAGATTTGTG   TAACAAACTC   AGCTTCCTGT
553951   CTTGGAGGCA   GGAAGCAGCT   TGGGGCCCTT   CATTCCTTTT   AAACAAAAAA
554001   GGGAAAGATA   TCATGGTTGG   TACTCTCTGG   GCCCTTGGTT   TAAGGAGGGG
554051   CTTTATTTAT   TGAGCAGGAG   CAAGCATGTG   ATTCCACGTG   CTCAAAACCT
554101   CATACAATTT   CAACGCATTT   GGGTTGAGGG   TTTGGGCTTT   TCACTTCCGC
554151   TTTAACAGCC   TCAGCTCAGG   GCCCAGTTCT   ACCCTGTTCC   TCATTAGCTG
554201   GGTCACTACA   TATTATCACC   ATCCACAGTC   CCATCTGCCT   TCTGCCCTTT
554251   TTATTCATCT   TTGGGCTTCG   CCCTGCACTT   TGTCTATTTA   GAATCTCTCC
554301   TCTCTGGCTC   TCTGCTGCCC   CACTGATAGG   ACCCTGCTGC   CTAATAGGAT
554351   AGTCCGAGGT   CACTCTTGGG   ACATGTTCAT   GTTTCTGGTC   ACAGAAGCCA
554401   ATATCTAACT   AAAATGAACT   ACAGCGGAGT   CCTGCAAACA   GGACAGTTAC
554451   CTCCCCAGCC   CCAGTTCAGA   AATGGCTTCT   CTTCCGGTGA   TAATGCAAAC
554501   TCTGTGTCTT   AGAGCAAACG   GGGTTGTGCC   AGGCACGTGA   CATGGATGGC
554551   TAGCTCGGTG   CTGGCAATCA   GAACATGTGA   ATATACAGTT   AAGCACGACG
554601   CTCTCCGTGG   CTCGGGCAAG   CCAGGAGAGT   TGGCAGATGA   GGCCAGTGAA
554651   GGCTGTCCCT   AAGGATCCCG   TTGAAGAGAA   TGTATCTGGG   GCTCAGAAAT
554701   GCAGACTTCC   TAAGGGTTTG   CGAGTGGTAC   TTCATCAATA   TAAAGAGAAA
554751   CACTGATGTT   AGAAAATGAT   CATTTTTCTC   CTCCTTATTT   GTTCCTTTCT
554801   GTGTAGAAAG   AAGGGGATCG   GCCTGAACGG   GTCCAGCCAA   TTGCATCGTC
554851   TACACTGATC   CACTCTGACC   TGACGTCTGT   TTATGGCACC   GTGGTGATGA
554901   ACAGGACTGT   TCTGTTCTTG   GGGACCGGAG   ATGGCCAGTT   ACTGAAGGTC
554951   GGTTTCTCTG   TGCTTCTTCG   ATCAGATGTC   CAGTTTTCAT   AAGCTCCTCT
555001   TAGTACCTGC   CTACCTATTG   TAAACTTCCC   CTCAGGCTCC   ACCGAGTCCT
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555101   GTAGCAATCT   GTACACAGAC   CCAAGCAACA   TTGTAGCAAT   CTGTACGCAG
555151   ACCCTCCGCT   CCTGCCACCT   CACACTGTCA   CCCTGCAATG   AGGCACTAGC
555201   CGCCTGCTGT   CTGTATAGGA   GGCACACCGT   GCCCCCTTCC   TTACTCACGG
555251   CTGCTGGGTG   TGATGAATGC   TGCTCCAGCC   CCTACCCCAT   CCCTGACTCA
555301   CCTTCCTGAG   ACGTTTAACC   TTTCAGTTCT   CACAAATCAC   CTTATTTCTC
555351   ACAACTTCAA   AGAGACACGA   GATTAGAGGC   TTGAAAAGAA   AAAGAAGAAG
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555451   GGGTTTGTTT   TCTGCCCCTG   TACCTGTACA   CACCAGGGAG   AGGTTAAAGA
555501   TCTGAAATTC   TTCCAGACTC   CCCTGGCCTT   TCATCTCATA   GGACTGTTTT
555551   CCCCCATGGT   ATAGATGAAC   CTTGGTCAAG   CTGAGATTTT   TTTTTTTAAT
555601   TCACCCAGAG   GGGGAGGGGC   AGCGGGGAGG   AGGAGGAGGA   GAAAGTCAAA
555651   TCAGAACCAC   CAAGGGGTTC   ATCTGAAATT   ACTCAGCGGT   CCTCTTGTCA
555701   GCATCCTTAG   CAAGCATGAA   TGGCGTGTCT   CCCGTGGCCT   CCAGCAACAG
555751   CCGTGGCTAG   GAACCGCAGT   GTCTGTCACC   CTAGACTGGT   GACACTGCTT
555801   GACCCCCTCT   CTCAGCAGCC   ACTCAGTTGA   CCCTCAGCTC   AGATTCTTAA
555851   TTGAATACTG   GCAGCCCTGT   TTGCCACCCC   CCCACACAC   ACACCCCGCA
555901   GCCGTCGCCC   CTCTTCAGCT   AGCTGTGCCT   TTAAGGCGGA   TCATTTAGCC
555951   TCTCTTAGCC   TCCATTTCTC   TAAATGTAAA   ATGAGATTAT   ACTAGGCAAG
556001   ACAGGAAAAA   AAAAACCACC   CCAACCCTTT   CCTCATCTGA   TGGCTTTGTA
556051   CCCACAGACT   CTCTCCAGCT   TAGCTTGTGA   GCCGCTATGT   GGTCCTGTGT
556101   CCACACTTGA   TCATACCCAC   CCCTAGCCGG   AAATGGCTTC   CCCCTTCTTT
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187

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556151   CTATTCTTTA  CTGAGTTCTC  TAATTGGCTC  CAGTCCTGCC  TTCTCTCTGA
556201   CGGTGTCCAA  GCCCCCAGAA  GTGTCTTGCT  CTCCTCGTCT  CCTGAGCTAC
556251   TCACCACCAG  CACCCTTCCT  TGACTTTATA  TTGATGTCTT  GCCTTGATAC
556301   CTAGCCTCTG  TGGTCCATGT  TTGTCCTACC  TTGAGTCTAA  GCTTCCTGTA
556351   AAGGGCGCCA  TGAATTCCCT  CAGCCTGACA  CAATGCCGAG  TTCTGGGTAG
556401   GCATTTGATT  GAGTCTGTTT  CCTTTGGGAG  AAACCCAGTA  ACATATGGGA
556451   GGGAATTTGT  TTGTATACAC  ATTCTTTTTA  AATATACATT  GATCATCTTT
556501   CTCCTTGAGC  TAGTTTCATT  TCCTGGGGAA  AGGAGAGGTA  GATAGAGAAA
556551   TACCCACCAA  TCTTTGCACA  CTTGACACAC  AGGAATGCCT  GTGGACATAC
556601   TAGCCTGGTC  AGGCCAAGGA  GGCCCATTAA  CCCTGCAGAG  GAAGTTTCTA
556651   TCCGTCTTGC  CTGGGTCTCC  TTACCAATTA  TCTCTTCAGA  TTTGGGATGT
556701   TTTTGACAAG  TGTTTTGACA  AGAACACTGT  TTCCCCAAGC  TGAGCCTACC
556751   AGACTGTCAC  ACGAAGAATT  GGAGGTGAAG  GAACACTTGC  CTATAAATAG
556801   TCCCCCATGG  GATGGCTTGG  CTTCCCTTGT  CCTGTGGATT  CAGATCAGCC
556851   ATTCGTGTGT  GCAGCTGTCC  GAGTTTCAGT  CTTGCTAGAA  GCCGGGGGGT
556901   GGGCCCAAGC  TGCAGCTTCA  CGCTGTTAAT  AGAAAGGTGG  TTGCGATTAA
556951   GTCTTGCCGT  CCTCATGGTC  TGTATGGGGT  ACCACTTTGA  GACCCCCATC
557001   TGGTCTCATT  TTCAGGGTTC  AATTAACAAG  GGTAGACAGA  TGTTTGGTTT
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557101   CAGCTCTCTC  ACCAGCCCCA  TTTTACAGAT  GGAAACATGG  AGGCCTAGCA
557151   TTGTTGAGTG  ATTGGACAAA  GTTACAAATG  GGCAGTGCAG  GGATTTGAAC
557201   TTGGAACAAT  GTCAGAGGCT  GGATTCATAA  CTCTCTGCTG  TGGGGACATT
557251   GCAGTCCGTG  CCTCAGCTTC  CAGGCTCCTC  CTTTGGGGGC  TCTTAGCCAG
557301   GGGATGGTGT  GTTGGGAGGG  AGCCAGCCAG  CCAGCCAGCC  AGCCGACCCT
557351   CTGATTGAGG  GAACCCCTGA  CCTGACCCAG  GATTAACCAC  TCCCCATACT
557401   TGGTCTCTAA  TAGTTCCCTC  CCACAGCAGG  AGGCTCTGAG  GGGTGAGGCT
557451   GTCTCCCTCC  CACCCTACTC  TCTAGGGACA  GTAGGTAATT  CCCTTCATAC
557501   TGTCTCTTGT  GTCCATGTGC  AAATTCTTGG  ATATAGCTTT  TGAAATGACT
557551   TGGAGATGGC  CCCAACACTC  CCCCCAACAC  CCCCAAATAG  AATCATGCCC
557601   AGATGATCCC  CAGATCTTTT  TATTCCAAAG  AACCTCCCAT  TCCTCTTGCC
557651   ACACTTCTCC  CCAGAACCGT  TAGGGAAGAT  GAACACTGAG  AGACACAAGC
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557751   ACCCCGACCT  GCTGCCGACA  GCGGGAGGAG  GAGGAAAAAA  AGGGCTCGCA
557801   TCACCCACAG  CCTGACTCAT  CAGTTTCGCA  GTGATCAAGA  GGCGAAGGCA
557851   TTTTGACATG  TGCCAGGCAC  CGTAGTATAT  GCCTGGCTGG  ATCTGAGGCA
557901   GGCAACCGGC  AGCCGGTTGC  TGTTTTTATC  ACCACCAGTA  AGAACCTGAC
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558151   GCATTTTAGA  TTCTTTTTTT  ACATAGTTGA  GGTCAGACTG  TATCCAGTTT
558201   TGAATCCTCC  TTTCCTTCAG  CTAATGAGGG  AAGAGGCTTA  TATTCAAATG
558251   CTGCTGCAAA  CCCTTTGTAA  ACAGTATTTT  TAAATAGCTC  TATCATGGTG
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558401   ACACACACCC  GTTCCAAAGA  AGACAGTACT  GTCTCCAAAG  GTAAGATTTC
558451   AATGATGAGC  CATGAGAAAC  CTAGAGATTT  TGTGGTTGCT  AGCACCCTTA
558501   TTACCCCACT  TCTGCCTTTG  TAAAATGGTA  GGGAAGGGGA  GGAAATGTGG
558551   AGCTCAAAGG  TCCTGCCCTA  CCAACTTCTC  CGCAGGTGTT  TTGGGATCCT
558601   GTAGCAAGTC  GCACCCCACC  TCCCCCATCA  TCTTTCCATT  TTGCCCCCTT
558651   TCTGAATATG  GTTCTATGTG  ATCATTTTTT  TTAAAGTTGT  CAGTATCTCT
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558751   CACATGGCAC  GTGTCACATG  GGGTATACCA  TCCTAGGAAC  ACATGCCATA
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559001   CTTATAAGCA  TAAAAGATAA  ATAAGGAGGG  AGCAGGTAAG  GACTAATAAA
559051   AGCCGGCATT  TCTGAGCTCT  TACTATGCAC  CTGCCGTCTG  AACCAGCATC
559101   AGCATGGGTT  AATTCATTTA  ATCCGTATGA  GTCAATACTA  TGACCATCCC
559151   CACTTTATCA  ATGAGAAATC  CCGGGGCTTT  AGGGCATTAG  GCAGCTGGTT
559201   CAAGGTGATT  TGAACTGAAA  CAATCTGTCC  CCAGAGCCTG  GGCTTTTCTC
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188

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559251  CTCTGGCAAA  ACTGCATTTA  CAGTTTAAAT  GTAATCTCTG  GAGCTTGACA
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559351  GGCAGGTCTC  GAGACACCAG  TGTCTGAGGT  TTCCTGAGAA  GGGGCCTTGG
559401  TTTATGTGGT  TTTTACTTTG  TTCCTACTTG  GGGACAGTTT  TGAGCAGCTG
559451  AGGGCTCAGC  CCCTCTTCTT  GGGACTGCAA  GTGGCTCGTG  GGGACCTCTG
559501  TACAGCCATT  AGAGCTCAGG  TTTTCCCATG  TAGGCTCCTT  TTGAAGAACA
559551  GTAAACATTC  TGAATTCTGA  GCTAGCAGTG  TTTGAATGGC  CCCCTGATAG
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559651  AGGAAGCTAT  GTCATGCATG  CATGCAGCAG  AAGGGTATTG  CTCGCAGGGC
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559751  AGCAAGTCAG  TTCGAGAGCT  TGCTTCCAGA  ACTCAAAAAC  CCACAAGTTC
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560251  TTTTTTTTTA  AAGATTCTTT  TGAGTCAGGG  TTTCTCTATA  TAGCTCTGGC
560301  TGTCCTGGAA  CTCACTTTTG  TAGACCAGGC  TGGCCTCAAA  CTCAGAAATC
560351  TACCTGCCTC  TGCCTCCCGA  ATGCTGGGAT  TAAAGGCGTG  CGCCACCACG
560401  CCTGGACCAC  TACACGCTGT  TAGATAACTG  TTTTGTGTGC  TTAGGGGTGA
560451  GGATTAAGTC  TCCTTCCCAG  TGTTTCTCAA  AAGCCATTTT  GTTCGAAAGA
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560551  AGGAGAAATG  GGAAATGAAA  TGTCTTAAAA  CACCTTAGCC  TTGTGAGCAC
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560851  GAAATTCTCC  ATCAGGGAAA  ATTTCTTTTC  TACAAAGGCC  TTGGTTGGAA
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561101  GTATGTAGTG  AGTTCCAGGC  CAACCAGGGT  CACATAGTGA  CTCAGCTATC
561151  TCATAATACT  TACAAAGTG   AGCCAAAGAG  ACAAGCCTTG  CCTTCCTGCT
561201  GAGTGTGTGC  GTGCGTGTGT  GTAAGTGAGT  GTGTGTGTGT  GTGTGTGTGT
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561301  AAAACAAGTA  AATTAATCAT  CCAATGGTAA  AGCCATTTAG  AGAGTAATTA
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561401  AGAGAGGCAG  GCAATCAGGG  AGAGCTGCTC  GGAGGAGGTG  TGGCTGGATG
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561601  AAATTCCACC  CATTTTGGGT  AGCTGTGACT  CATGGTTCTT  TCCTGCACTC
561651  CTCCTCTGAT  CCCATTCTTT  TTCCATAGCT  GCCCAGCCAA  ACTGGCCCAA
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561901  TAGTGCGTTT  GTGATCTTTG  GAATAAAAGT  TCAACCTTCC  CATTGTTTTC
561951  CTCTCCAGCA  CGCAGAGGTC  ATTGTTTGCA  TCATCTGTTT  CACCCGCCCA
562001  CCTTCAAAGA  TTAAAGAACT  TAAATTTAAG  TTCTACGTAT  GAATCTCACT
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562101  ATCTACCTGC  CTCTGCATGC  CTGGTTTCGG  GAATTAATGT  TGTGTGCCAC
562151  CGTGCTTGAC  CTTATGTCTG  TATATTTTAA  GATAATACAC  GGACATTGTT
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189

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562501   AGGGGATGTA   TTTTTCCCCT   CTCCTATTTT   TACTGAACTT   GTGTATAGCT
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562601   GGCGGATTTC   TGAGTTTGAG   GCCAGCCTGG   TCTATAGAGT   GAGTTCTAGG
562651   ACAGCCAGGG   CTACAAAGAA   ACCCTGTCTT   GAAAACGTGT   GTGTGTGTGT
562701   GTGTGTGTGT   GTGTGTGTGT   GTGTGTTGTG   TTTATATGAA   CGTATATTTA
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562951   AATATGTCTG   TGTGTGTGCC   CACACGTGCA   CACACACACA   CACACACACA
563001   CACACACACA   CACACACACA   CAGAAAGGCT   TCTGGGCCCA   AGAATACATG
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563601   TAGCTGAAAT   TTCACAATTG   ATTAAAAATA   CACTTAAAAT   TATTTGGTTC
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563701   CCACTTAATT   TTCTCTCTCC   CACTGGCTTC   CTGAAAAGCC   AGGTTCTAGG
563751   GCCTGCAGTG   GCTCTCATGT   GGATTTGCCT   GTTTGTTTCC   TGTGTCATTT
563801   AAGCTTGCTC   TGTGACTTTT   GCTTCCGAAG   CTCCTTGGAA   GTTAGCACTG
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563901   ACAGAGAGCT   TCCCTGAGGA   GGAAGCCTGA   CAGGATGACT   TCCTGAAATA
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564051   AGCTGTTTAA   TTCTGAGCTA   AGTCATAGTG   TAACTTATGA   GTTGGTCATG
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564151   TCCAGGCACG   TAACTCTTTT   CTATAGGGCC   ACCTTGCTCA   GTGGAACATT
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564251   CACTGGCTGC   GGGTGAGCTG   TGAGTGCTTC   AGGTATGGCT   AGCAGGAGTG
564301   AGAAACTGGA   CTTTCAATGG   AATCTAAATA   GCCTTGTGTG   GTTAGTGGCT
564351   ACCATCTTGG   AAAGCACAGC   TCTAGAGTCA   TTTTCAAATG   AGCCACAGAT
564401   CTTTCCTACC   ACCCTGAGAC   CTAACTGCTG   CTATTTTAAA   AGTTTTTCCC
564451   CCCTTTGATT   TTGGTTTTTC   GAGAAGGGGG   TGGGTAGGTG   AGGGGTAAGA
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564651   TTTAAAAGTC   ATATTTAATA   TATGGGGTCA   GTGAGATTGA   CTTTTACTGA
564701   GTGTCTGCAG   AATTTGCTGA   GTAGTCTTGT   AAGATTAGGT   GCCCCAAATC
564751   CACTAGCGAT   TGATTAAGCA   GATGATGGTG   TGAAGTTACA   GGGCAAAGGC
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565351   AATCTCCAAG   ATGACAGTAG   CTGCTCATCT   GACCTGCGCA   CATGGACCCC
565401   CGCCTCTTGG   TCTTGGCACT   CATCTGTCCA   AGGCCCCAAT   GGCTTCTTGT
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567751   CAGTCTAAGA   CTGGGAAAGG   CAAGCAGTTC   CAGGAGATAT   GTGTGTATAT
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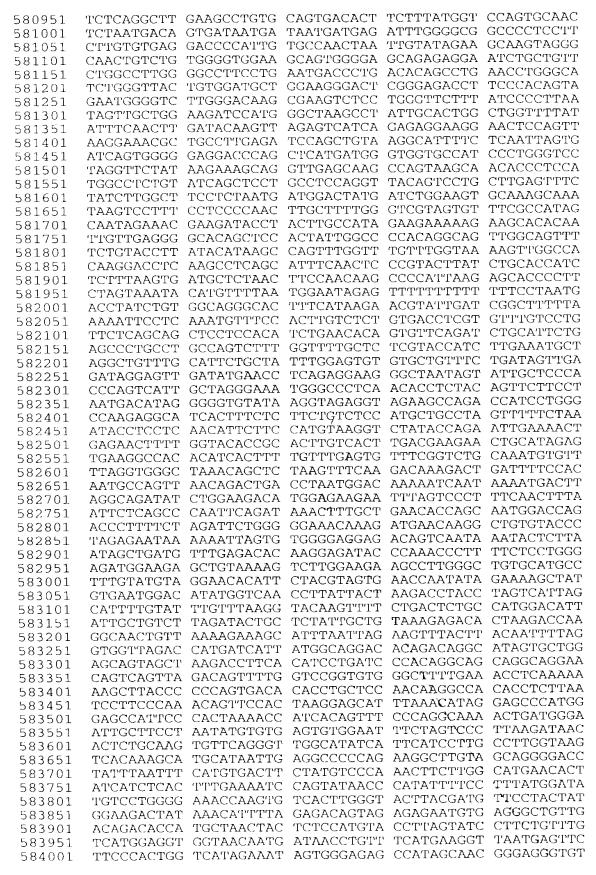
191

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568651  AGACCTGGTG  CTGTGGGTTG  TAGACCTTGT  GCTGTGGGCT  GAAGACCCGG
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568751  AGCACCAATA  GTTCATAGAT  CTTCACTTCC  TAGAAAGTAA  AGACTTCCAG
568801  TCCCTAATGA  CTTACAGCCT  GAAGACCTTA  GAGACAGTTT  TCAAGGGGGT
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192

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572151  GCCCTCCTCT  CTGCACCCCC  TTGCGGGGGC  TCCTTCCCTC  AGAATCTCTG
572201  GCAGACAAAA  GAAACAGGGC  CAAGAAAATT  CTCATGAATA  ATTGTAATTG
572251  GGGTAGGAGC  CTTTTCTTCT  TGTCACATGC  CCAAGAGTAG  ACTTGAAGAA
572301  ATTAACTGAT  CACAGCCAGT  ATTATATGGT  TGCTGTAGTT  CTTTTTTTTT
572351  TCTTCTTTTC  TTTTTTTTTA  AAGATCCATT  CCATTTATGT  TGCATCTCTG
572401  TGTGTCTTTG  GAGAGCTCTG  GACAGGAGTT  CATTCATGGA  TGGTGGTGAC
572451  AGTGGTGGTG  TTTAAATAGC  CGTGACTACT  TGTTTAACAA  GCTTCAGTCA
572501  GGAGTTGGTG  GGAGATGCCC  AAGTTGGTAA  TAGAATTTTG  GAGTTGGTTG
572551  TATTTTGATG  GTCCTTTCAG  AAGCCTTAAT  AGTATCCGAG  CAGGGGGCAG
572601  GGGTGGTGCT  AGCTGGAAAG  AGATGTTCAA  GAGCTGAGTG  CTGAAGTACG
572651  GGAGCACTCA  AGTACTAGAG  CACTCAAGTA  CTATGATGTT  TAGAAACAGA
572701  AGGGGTGGGG  AAAACATGAC  GAAGGATCAG  AAAGGGGAGA  GACAGCGTTT
572751  AAGGAAGGAG  TGTGTTGCCA  GGCAAGGGAA  AGGGGGAAGA  GAGCAACGTA
572801  CTGTGCCAGC  TCCTGCCAAG  GAGGTCAAAG  GAAAACGGAT  CCGTTGGACT
572851  AGGACAGGGC  GATCGATGAC  TGTGACAGAG  GCCCGTTTTT  GGAAGGGTGC
572901  TGGAGCTACA  AAAGGACAAT  GAGCAGTGAG  TGGAGGAGCT  CCTTGGGGGT
572951  GTTATGGGGA  ACGGTAGAGG  AGATATGTCG  CCGATTCTGA  GGCAAAACGT
573001  AGACTCCAGA  CAGTTTAGGA  TTCTAAAGTT  TATTTGTTTT  TCATTACATT
573051  TTAATTGGGA  GTGGGATAGT  GCACGTTCCA  TAGTGTGTGT  GGAGGTCAGA
573101  GGACCGCTCA  TGGGAGTTGC  TCTCTTCTAC  CAGATGGACC  CCAGGGACCA
573151  AACTCAGGTT  GTCAAGCTTG  ACAGGTAAAA  GCACCTGCCA  CGCTATCTCA
573201  CCAGTCTAAC  TTTAGAAGGT  GTTTTGTTTT  GTTTTGTTTT  GTTTTGTTTT
573251  GTTTTGTTTT  GTTTTTGTTT  TAACATACAT  AGAATAATGG  TGTCTGGAGC
573301  TGAAGAGGTG  ATGGCTCAGC  CCGTCTGTAA  AGTGCCTGCT  CTGAACGCAT
573351  GAGGCTCTGA  GTTTGTATCT  GCAGCACCTG  AAAATGTCAG  CCATGCTAGT
573401  GTATGTCAGT  AATCCTAGTG  CTGGCGAAGC  GGAGACAGGA  GGATCCCCGG
573451  AAGTCCACTG  GTCAGATAGT  CCAGTCAAAT  TGATGAGCTC  TTAAGTTCAA
573501  TGAGAGGCCA  CACCCTCCCG  TAAGCAAGCG  CAAACAGGCG  CGCGCGCGCA
573551  TGTGCCCAAT  CACACTCCAC  CTACCAGCTT  TTTTTGTGTG  TGTTGTTGGG
573601  GAAAATTCCG  GTAGGAAGGA  GAGGGGTGGG  GGGAAGGAGG  GTGAATATTG
573651  TGGTGTGTTG  TCTTTCAGCA  GATGACAGAA  AATATGACCT  AATCACATCA
573701  GTGGGGAGGG  TAGCCTCAGT  CCAGGATGGG  AGGGAAACAG  TAGTGTGGAC
573751  CCCAGAGCTC  GTAGAGATAG  ATCAGACCTC  AGGGTATGTC  CATATTGCTC
573801  GGAACCTTCT  TTGTGACCTT  AGACCAGCAG  GAGCCAGGTG  TCTGTGTGAG
573851  CCCGGGGAGA  GGGAGCCGTG  AAATCTGAGG  AAGGGAAGCA  GGAAGCACAC
573901  AGGAGCTCAG  GTAAAGGACA  CACACAGAGA  GAAAATAGAG  TATGGTTGCC
573951  TGGCAATATT  GGGGCGCACC  TGAGGCCGAT  GATCTTGCCT  TTGAAACAGA
574001  AAGCATGGGT  TTGCTTTGCT  CATGTAGTCT  AGCTCCAGTC  CCATCATGGG
574051  AAAGTACGGA  GGATAGACTT  CAGTTTAGCT  AGAGTTTGGG  GATAAGTACA
574101  TCAGGGTGGG  GCTATGGGAT  GACATTGATG  TCACCTGTGT  GCGGTGGAGG
574151  GAAGTAGGGA  CACACTGTGG  ATGGGAGACA  TGAGAGGGGG  GAAAACACCA
574201  CCTGGACTGT  GTGGGGGTCA  ACGCTGAGGC  GATACAGGTG  TGGAGGTACC
574251  GGGAATGGTA  AGGTCTACAG  GACTGTTACG  TCATGGCAGC  GAGGGTGGAG
574301  AACAAGACTA  CTGTGTGAGA  AACAGGACCT  TCTGTGTGTC  AGTCGAAGCC
574351  ACCAGGAACA  AGGATGGGCC  CACTGGTGAA  GAGTAAAGGA  CAAATTAGTC
574401  AAGACCTAAA  ACTAACTAGT  AAGGTGGGTG  AGTGTTGGTC  CTGTAGGTTT
574451  TGTGTAAGGA  GTCAGGATGG  TATCTATTGC  AAACATGAAC  TTGAACTCTG
574501  AGAGATGGTC  AGAAAGAGGA  GAATTATGTG  GAGGAGGGCT  GTCAGGCCCA
574551  GCTGGGCTCAC  CTCTAGTAAG  TTAAAGGAAG  CAGCCAGCCC  TCTAGAACAG
574601  TGGTCCTCAA  CCTTCCTAAC  ACTGACACTC  TTTAATGCAG  TTCCTTGTTG
574651  TGGTAACCCC  CAACCATAAA  ATTATTTTTG  TTGCTATTTC  TTTTTATTGT
574701  TTTTTTTTTT  TTTCAAGACA  GGGTTTCTCT  GTATAGCCCT  GGCTGTCCTG
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193

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574751  GAACTCACTT  TATAGACCAG  GCTGGCCTCA  ATCTCAGAAA  TCTGCCTGCC
574801  TCTACCTCTC  AAATGCTGGG  ATTTAAGGTG  TGCGCCACCA  CGCCCAGCTT
574851  TCGTTGCTGT  TTCTTAACTG  TAACTTTGCT  GTGCGATTTG  CTATTGTTAT
574901  GAGTCATGAC  ATAAATCTCT  GTGATTTCCT  GGTGGTCTTA  GGTAACCCCT
574951  GTGAGTGGAT  TTTTCAACCC  TAGAGAGGTT  ATGAACCACA  GGTTGAGAAC
575001  TGTCGCTTTA  GAGGGACATG  GGGAAGCTGT  GTCCCCTGGG  GGAACAGTGA
575051  GCCAGAAGGG  AGTTGTTAGA  GAATTGGGTG  AGGACAGCAA  GCCATTCTTA
575101  ACAGCTCGCT  GTAAGGTCTC  TCTTCAATTT  CCCCTGTTCA  TTATCTCGCT
575151  CCCCCACCCT  TGCTGTACAC  TTTCCAGTAG  GAATGATCCT  TTAAAAAAAG
575201  AAAAAAAAAA  TCCCCACTAG  ACGGTGTCCT  CCCTAGATTC  ATTGCTCCCA
575251  ATTTCTCCTC  TCTCAAACTC  AGCCTGATCT  CCTGCTTGCA  GACAAGGCAT
575301  TCTGTGATTT  GCAGCTCCGA  CCTCTCTCAT  GACTCTCTCT  CCTTGGTCTC
575351  ACTGATTGTC  TTTCTGATTC  AAGAATATTC  CTGCCCAGGG  CCTTTACCTT
575401  GAATTTAAAA  GTTCTCCATT  TTAGCACACT  CTTCCCTTCA  GGAGCTCTTT
575451  ATCTGCTATC  CTAGAACGTA  TATCTATGTC  CACTTAACTA  CCCAACATCA
575501  GAGAAGCAAC  CCCTACCCAC  TCAGCAAACA  TAGCGGGGTC  ATGGTTGACG
575551  GTCCTTGGTA  GCCACGTCCC  CTCACTTGGC  TCCCAGTTGG  CTCCGTTCTG
575601  GCCTAAGATA  AAATGAAACT  AAGCTTCAGA  TCTGTGACTC  ATGTTAAGCT
575651  CTCGGTACCA  TTCAAAATTA  GGAATTCTAA  AGGGGATGTT  TTTGGTGTGG
575701  TGGCGAAGCA  TCCCACTGTG  TTTATTTTAA  ATGTCACAGA  TTTATTTAGA
575751  AAAATAATTT  CTTCTCTGTC  TTGAGAAGGT  TGAACCTTCT  TGTATACGTG
575801  TCTTGAAAGT  GGATTTGGGT  ATGGTGGGGG  GCCAAGAAAA  TGATAATTAA
575851  TTTCTTTTTT  ATTTGGTGTT  AAGAATAGTC  TCCCAGTGTA  ATAAGCAGAT
575901  AAAAAAAAAA  ACCAACTAAG  CAAGCACTGA  GGTCTAGTAT  TTTACTGTGC
575951  GAACCTCAGG  TTCAACCTGT  GCTGCAGTTG  TCTGTGGGTG  GAAAGGGAAT
576001  TCTTTTTTTC  AAGCTGAATA  TATATTGGAG  TTGGAAGCAG  TTTCTCAGCT
576051  TCTCCCGTAT  TTCGAAGCCC  AGCACATGTG  TTCAGTTGTG  GATTTCCAGA
576101  GAACTGGCAA  TCCCGAGCCG  ATGAGCCCGA  CAAGGTTCCA  AGAGTTCATT
576151  TGCAAGTTTG  CTTGGCTCAC  ACGGGTGCCT  TTCCCACAGA  AACAATGTCA
576201  CCAATTGAGG  GTGGATTCCC  AAGCCAGCCC  ACAAAATCCA  TTTCCTCTTA
576251  ATTTCAACAA  ACATTTGTTG  AATACCTACC  AAGAGCCCCC  ATGTGGGAAG
576301  TGAGATGGCT  ATGTGCTGTT  GAGAAACCC  AGATGTCCTT  CTTGGCTGTA
576351  AGGGGTTAAC  AAGCAAACTA  GGAGGGCAGA  CAGGTCTATG  CCAGTGATCA
576401  TTCATTCAGC  CGTCCATCTG  ACCACTGACA  TGTATGAGGT  ACCCACGTGT
576451  TATAAGCCTG  ACATCCCATT  CAGAGGCACA  GTTCCCATCT  GAATGGCTTC
576501  TCTAGTCTAA  TGATGGGTAA  GCGTCAGTAG  ATTCTGAGTT  TCTTTTGTTT
576551  GTTTGTTTTG  TTTGTTGGTT  TGGTTTGGTT  TGGTTTGGTT  TGGTTTGGTT
576601  TGGTTTGGTT  TGGTTTGGTT  TTTCGAGACA  GGGGTTCTCT  GTATAGCCCT
576651  GGCTGTCCTG  GAACTCACTT  TGTAGACCAG  ACTGGCCTCG  AACTCAGAAA
576701  TCCGCCTGCC  TCTGCCTCTC  AAGTGCTGGG  ATTAAAGGCG  TGCATCATCA
576751  CTGCCCGGCA  GATTCTCTTT  CAGTGATTCT  ACCTAATGAG  CAACTGCCTG
576801  ATCCTTAGAA  GTCTAACGAG  CAGGTATTTC  TCTACATTTA  TTATTTTCAC
576851  TCATGGATGT  GCTTGTCAGC  TGTGGGAGGA  GGAAGAGGTT  TGTGTCGTGC
576901  TATCAGCGAA  ACTCAGGTCT  CTTTCATGTG  TCTGTCATTG  TGTACCTACT
576951  CTTAAGTCAG  AGAGCAGATG  TAGAAGATAT  TGAACTAAGT  TACATGATGC
577001  ACTCAAAGCC  TCTGCGCCCA  TCATGGTTAT  GGATATTCTA  CTGCTAACAC
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577101  TATTCCGTCC  AGTCAGATGT  ATCATAACAT  GGCACGGCAA  ATAGCAGTAG
577151  AGATGAATCA  TTCTGGTACA  GGAAGTTTTG  GAGACTTGGG  AATGTGCATC
577201  TTGTCTCTCT  GGAATAAAGG  AGATGAATAG  GATAGGGGGC  TATAAGGATA
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577301  CCATGTGAAA  GGTTGGGGAA  AGCTTCCTGG  GGAAGAGATG  ATTCAGGCAA
577351  ATCTGAAACA  TAGGCAGGTA  TCAGGAAGGG  AAACTGGCTG  AGGTAACAGG
577401  TTGGCGAAGA  ATACACTTAA  GTTCCTGAAT  GTGGGTGTGG  ATGCGTGTAT
577451  GGCATGTTTG  GGGGGTGGGG  ATAAGAGGAC  ATGGTCAACA  GGGCAGATGA
577501  GTCGTTTAGA  TTTTGTTAGA  AGAATCTTGT  GGAGACTGAG  CAACTGAGCA
577551  TACAATCTGG  AGCAAGATGG  ACTTGGGTCC  TCGCTGGGAG  CTGGCAGACC
577601  AGTCAGCAGG  TGGTTATAGA  AACTGGGGCT  GGGTTAGCGC  AGTAGTAGTT
577651  GGAAGCAGGT  ACATTGGAGA  GCTATTTGGA  AGCCAACACT  GACGGGACTT
577701  GGTGATTAAT  TGAATTCCCC  CTTGAGCATG  GCACACTAAA  AATAGGGCCA
577751  TAAAATAGAA  GATGAAGATG  GCCACGATGG  AAGATGTATT  CTTTCTTCCT
577801  TGACCCAACA  TTGCACAAAG  AAAAGAGCTG  ACACTCAAAG  AAGCTAGATT
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194

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577851   CTCCCTGTGG  CCCAGGCACT  GGGTTCTAAG  GAGAGCACCC  GGGTCAGGTG
577901   AGGAGGACTT  CTGAGAGATG  GCAGAGGGGT  GTATGTTCTA  ACTCTTACCA
577951   GCAATACATA  TGCAGACATC  TGACTTGGGG  GACCAGACAG  ACAGATGTGT
578001   CCTTCACTGA  GCAGGGTGTA  GGAGGGGCTA  TCTACTTGGG  GTGAGCGGCA
578051   AACAGCATCG  ACTGCCATAT  TGGCACACTG  GGCAAACAGC  ATCTACTGCC
578101   GTATTGGCAC  ACTGAAGGGC  ACAGCAGGGT  AGGAAGAAAT  AAAGTTCCTA
578151   AGGATGATTC  CTATGGGCCG  GGATCTGCC   TTTGTATGAG  TAGCCTGTTT
578201   CTCTTCTACG  CCAAAGCAGG  GTTGATGGTG  GTACCCATGT  CTGGGGCTGC
578251   TGAGAGGTTG  AAATCAGATA  ATATCCCTGA  AACTGCAGGC  AGGAGCTTGC
578301   TCCTAGGAAG  TGCTATAGTG  GATGTCAGTA  AGGAGGCCGG  GTCACCCTCA
578351   GCTTCAGTGG  GAGGGTAGCC  TGAAACTGGG  CCTGGAAGAA  TGGTGTCAAT
578401   TTTTCTCTGA  GGGCAGAGGG  TATGGGAGAT  TCTACAAGCT  GAAGAAGAGC
578451   TGAGCCAGAG  GTCTGTTTAG  GGAGTGGCAG  GTTGGATTTT  TTTTTTTTTT
578501   TTTTTTTTTT  TGTCTCTAGG  ATACTGGTTA  GGAAGGAAGG  AAGGGATAAA
578551   GGTGCTGGGA  AGGATGAGGA  AGTGGAAGCT  CTGAGTTTAG  ATTTAATTAG
578601   TATGTGCTGC  GAGCTCATTA  AAGAGCTTTA  AGCACAGGAC  TGTATCTTTG
578651   AAAGATTTGT  GACTTGCAAA  GATTATCGCG  ACGGCAGTCG  AGAGGATGAA
578701   GTGTATCAAG  GTGGGCAGCA  ACTATACTTA  CCTCCTGCAA  TTTGTAGAGT
578751   GAGTTTATCT  TGTATCTCTT  CCGGGGTCAT  CTGCTCGGTG  GCTATTTCTT
578801   GGGCCCAGTT  ATAACAATGG  AACCTAGACT  GGGTCCTTCT  CAGAAAATGG
578851   GCTATGCAGG  AACAGCCATT  CACACTAGTT  CCTTAATAGT  CTCCATGCAC
578901   AGGGTAGAGA  CAGAGCCCCC  AACATGCTAA  TTACAGGGTA  TCTGGATCCC
578951   TCTTGATTAT  TTGTATAAAT  TTAACCTCCT  CCTATATTCT  TCTGCACATT
579001   TTCCCCACCG  TGGCAACAGT  TGGAAGACAT  TCAGGCAACC  CCTAGAAGCT
579051   GTTTTGAAAT  TTTCATCCAC  TCTTGGGCTG  TTCTGCATGT  GGGATTCTGA
579101   AACATCATTT  CTCAGCTCAG  CCTAGCGGCA  AGCACCCCAT  GGTCCAGCTC
579151   CTGTCTGACC  ACTGACAGGC  TGGCAGGAGC  AGAGAAGGGA  AACTTTGTCA
579201   ACAGCCGACT  GGGAGCACTT  TCTAGAGCCC  AGCTTGCTCT  CCTCTCTTGA
579251   GGACTCTCCT  CTCCCTAAGA  GGCATTTCTT  CAAGAACTCT  GGTTTAATTG
579301   GTAGCCCTAT  GGGAACCCTG  CCCACCACGC  TGTGCAATGA  CAGTCCATGG
579351   GGCACAGTAC  CCGTGGCCAT  GCTCTTCCCA  AGCCCCAATG  AATGATCTCT
579401   GTTGCAGATG  CTGAGCCCGC  AGCATCCTGC  TAGCCAAAGC  CAGCCGAGTG
579451   AGCTTTCTCA  GAGAGTCTTC  CTTGGCCACA  GAACTCCATG  CAACTCCACC
579501   CTGTGCCTCC  TGCTCATTCT  TCCTGACACC  CTAAGCAGTC  AGGAATCAGT
579551   ATGACTGTCA  GCCTGCTTTT  TAGAGTAGAA  GACAGGTGTG  GGCTCTAAGG
579601   AATACTTGGT  GGCTTCAGAG  AACATGAATT  GTTTTTCCCC  CCTGAGGTGC
579651   TGGAGGTGAG  GACTCTGAAG  TGGGGTTTCA  GTGGACCATA  ATAGAGGTGG
579701   ATGGTGCTTC  TCCTTGATGT  TGTAGAAACA  CCCCCATTCA  TTCCCCTTTC
579751   TAGCTTCTCG  AGGCACCTCA  CATTCCTCCT  CAGCTGCCCC  TTCCTGCCCT
579801   TTCAAATCTT  AACGATGCAG  CGTCTCCAGA  CTCTGCTGGT  TCTGTACTCC
579851   TCTCTCTGAT  CTTTGTGCTC  ACATCGGGCT  GCAGAATAAT  GTCAACCCCT
579901   ACCTTAAGAT  CCTTAATTTG  CCCAATTTTG  CAGAGTGTCC  ACCATGAAGG
579951   TGACATCATA  GTCATGAGTA  CTAGGTTGTG  GACATCTTTA  GAAGCCATTT
580001   TTCACCAGCC  TCAGATTATA  CCTACCTGGG  TTTATGTCCA  GTTCCCAAGC
580051   CACTCCATTG  TCTACCATTG  TAGGGAAGAG  GCAAAGAGAC  AGGAAGGAGA
580101   TGGTGTCCCT  CAGAGAGGAC  AAAGCTGGAG  GAGCAAGGGC  CCGCATGGAC
580151   ATTACATAAT  AACCTGTGGA  CTGAGAAAGA  GAACAGAACT  CAGGGCCCTC
580201   TCCAGTTGCA  TAAACTACTC  TGCACATTCA  TCCAACAGAT  ACTGAACACC
580251   TACTATGTGT  CCTATGTTCT  CAGCTCTAGG  ATTTTTGGTG  CTCTCATTAA
580301   GTTACCCAGA  GTCTCATGCA  AGTCTTTTGA  GCAAGGGATT  TTAGTTTCTC
580351   GGAGTTACCA  TAAGGGAAGT  TGCCACAAAG  TTGGTGGCAC  TTCTGCAAGA
580401   CAGACATATG  AACCCAAGGT  GTCAATGTGG  CCATGTATCC  TGTGAGGCTC
580451   TAGCGCAAGA  TCTGCCCTCT  CACGTCCCAT  GGTGGTTCCT  GTGGCTCCTT
580501   GGCGCTATCT  CCTGTGATCG  CCTTCCTTGT  ATACATCCAA  ACCTCTCTCT
580551   CCTTCCTCCT  AGCAAGATAC  CAGTCAGTGC  AGACGTTAAG  CCCAGGATAA
580601   TCCCAACTTG  AGCTCCTTAA  CTAATTACCC  CTTTAACGAC  TGTATCCAAG
580651   GAAAGTAGCA  TTCGGAGGGT  CTGGGTGGGC  ATGTCATCAG  GGAGGAAGAG
580701   ACCAGTCTCA  AAATTCACAA  GGAAGTTGCA  TAGGGGAAGG  CAAGCAAGAC
580751   TAAATAAACT  TGAGAAAGGG  AAAGAGGGAC  ACTGAGTAGG  AGTGGGGAAA
580801   GCTGGCAGTT  TTAAATTGGG  GGTCCTGGAA  GGCCACTGTA  ATATTTAGCA
580851   GAATGGCCAG  CAAGAAGACA  CTTGGAGACA  GAAGATCATT  ACATATCTAC
580901   CTTCCTTCTT  TCCTTCCTTG  GAGCTGAGGA  TATGTCCTCC  CATGTGCAGA
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195

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580951  TCTCAGGCTT  GAAGCCTGTG  CAGTGACACT  TCTTTATGGT  CCAGTGCAAC
581001  TCTAATGACA  GTGATAATGA  TAATGATGAG  ATTTGGGGCG  GCCCCTCCTT
581051  CTTGTGTGAG  GACCCCATTG  TGCCAACTAA  TTGTATAGAA  GCAAGTAGGG
581101  CAACTGTCTG  TGGGGTGGAA  GCAGTGGGGA  GCAGAGAGGA  ATCTGCTGTT
581151  CTGGCCTTGG  GGCCTTCCTG  AATGACCCTG  ACACAGCCTG  AACCTGGGCA
581201  TCTGGGTTAC  TGTGGATGCT  GGAAGGGACT  CGGGAGACCT  TCCCACAGTA
581251  GAATGGGGTC  TTGGGACAAG  CGAAGTCTCC  TGCCTTCTTT  ATCCCCTTAA
581301  TAGTTGCTGG  AAGATCCATG  GGCTAAGCCT  ATTGCACTGG  CTGGTTTTAT
581351  ATTTCAACTT  GATACAAGTT  AGAGTCATCA  GAGAGGAAGG  AACTCCAGTT
581401  AAGGAAACGC  TGCCTTGAGA  TCCAGCTGTA  AGGCATTTTC  TCAATTAGTG
581451  ATCAGTGGGG  GAGGACCCAG  CTCATGATGG  GTGGTGCCAT  CCCTGGGTCC
581501  TAGGTTCTAT  AAGAAAGCAG  GTTGAGCAAG  CCAGTAAGCA  ACACCCTCCA
581551  TGGCCTCTGT  ATCAGCTCCT  GCCTCCAGGT  TACAGTCCTG  CTTGAGTTTC
581601  TATCTTGGCT  TCCTCTAATG  ATGGACTATG  ATCTGGAAGT  GCAAAGCAAA
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581701  CAATAGAAAC  GAAGATACCT  ACTTGCCATA  GAAGAAAAAG  AAGCACACAA
581751  TTGTTGAGGG  GCACAGCTCC  ACTATTGGCC  CCACAGGCAG  TTGGCAGTTT
581801  TCTGTACCTT  ATACATAAGC  CAGTTTGGTT  TGTTTGGTAA  AAGTTGGCCA
581851  CAAGGACCTC  AAGCCTCAGC  ATTTCAACTC  CCGTACTTAT  CTGCACCATC
581901  TCTTTAAGTG  ATGCTCTAAC  TTCCAACAAG  CCCCATTAAG  AGCACCCTT
581951  CTAGTAAATA  CATGTTTTAA  TGGAATAGAA  TTTTTTTTTT  TTTCCTAATG
582001  ACCTATCTGT  GGCAGGGCAC  TTTCATAAGA  ACGTATTGAT  CGGCTTTTTA
582051  AAAATTCCTC  AAATGTTTCC  ACTTGTCTCT  GTGACCTCGT  GTTTGTCCTG
582101  TTCTCAGCAG  CTCCTCCACA  TCTGAACACA  GTGTTCAGAT  CTGCATTCTG
582151  AGCCCTGCCT  GCCAGTCTTT  GGTTTTGCTC  TCGTACCATC  TTGAAATGCT
582201  AGGCTGTTTG  CATTCTGCTA  TTTGGAGTGT  GTGCTGTTTC  TGATAGTTGA
582251  GATAGGAGTT  GATATGAACC  TCAGAGGAAG  GGCTAATAGT  ATTGCTCCCA
582301  CCCAGTCATT  GCTAGGGAAA  TGGGCCCTCA  ACACCTCTAC  AGTTCTTCCT
582351  AATGACATAG  GGGGTGTATA  AGGTAGAGGT  AGAAGCCAGA  CCATCCTGGG
582401  CCAAGAGGCA  TCACTTTCTC  TTCTGTCTCC  ATGCTGCCTA  GTTTTTCTAA
582451  ATACCTCCTC  AACATTCTTC  CATGTAAGGT  CTATACCAGA  ATTGAAAACT
582501  GAGAACTTTT  GGTACACCGC  ACTTGTCACT  TGACGAAGAA  CTGCATAGAG
582551  TGAAGGCCAC  ACATCACTTT  TGTTTGAGTG  TTTCGGTCTG  CAAATGTGTT
582601  TTAGGTGGGC  TAAACAGCTC  TAAGTTTCAA  GACAAAGACT  GATTTTCCAC
582651  AATGCCAGTT  AACAGACTGA  CCTAATGGAC  AAAAATCAAT  AAAATGACTT
582701  AGGCAGATAT  CTGGAAGACA  TGGAGAAGAA  TTTAGTCCCT  TTCAACTTTA
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582801  ACCCTTTTCT  AGATTCTGGG  GGAAACAAAG  ATGAACAAGG  CTGTGTACCC
582851  TAGAGAATAA  AAAATTAGTG  TGGGGAGGAG  ACAGTCAATA  AATACTCTTA
582901  ATAGCTGATG  TTTGAGACAC  AAGGAGATAC  CCAAACCCTT  TTCTCCTGGG
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583001  TTTGTATGTA  GGAACACATT  CTACGTAGTG  AACCAATATA  GAAAAGCTAT
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583101  CATTTTGTAT  TTGTTTAAGG  TACAAGTTTT  CTGACTCTGC  CATGGACATT
583151  ATTGCTGTCT  TAGATACTGC  TCTATTGCTG  TAAAGAGACA  CTAAGACCAA
583201  GGCAACTGTT  AAAAGAAAGC  ATTTAATTAG  AAGTTTACTT  ACAATTTTAG
583251  GTGGTTAGAC  CATGATCATT  ATGGCAGGAC  ACAGACAGGC  ATAGTGCTGG
583301  AGCAGTAGCT  AAGACCTTCA  CATCCTGATC  CCACAGGCAG  CAGGCAGGAA
583351  CAGTCAGTTA  GACAGTTTTG  GTCCGGTGTG  GGCTTTTGAA  ACCTCAAAAA
583401  AAGCTTACCC  CCCAGTGACA  CACCTGCTCC  AACAAGGCCA  CACCTCTTAA
583451  TCCTTCCCAA  ACAGTTCCAC  TAAGGAGCAT  TTAAACATAG  GAGCCCATGG
583501  GAGCCATTCC  CACTAAAACC  ATCACAGTTT  CCCAGGCAAA  ACTGATGGGA
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583601  ACTCTGCAAG  TGTTCAGGGT  TGGCATATCA  TTCATCCTTG  CCTTGGTAAG
583651  TCACAAAGCA  TGCATAATTG  AGGCCCCCAG  AAGGCTTGTA  GCAGGGGACC
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583851  GGAAGACTAT  AAACATTTTA  GAGACAGTAG  AGAGAATGTG  AGGGCTGTTG
583901  ACAGACACCA  TGCTAACTAC  TCTCCATGTA  CCTTAGTATC  CTTCTGTTTG
583951  TCATGGAGGT  GGTAACAATG  ATAACCTGTT  TCATGAAGGT  TAATGAGTTC
584001  TTCCCACTGG  TCATAGAAAT  AGTGGGAGAG  CCATAGCAAC  GGGAGGGTGT
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196

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584051   TATGTTGTGT  ATGCCTCCAT  ATAAAGCCTG  TATTGGAAAC  AGTCCCTAGC
584101   ATAACAGTGT  TGGGAGGCAG  GAGGTTCATA  CATATTTAGG  TCTACACTCA
584151   TGAATAGCCC  AATGCCAGTT  ATAAAAGAGA  CTCAGGCTGC  AATTCTGATT
584201   TCTTACTATT  TCGTGCACAT  ACACCTTCTC  CTTCATTGCT  GCCTTCTGCC
584251   ATAGAATGAT  GAAGCAAGAT  GGTTCTAGCT  GGATGCAAGA  AACTGACCTT
584301   GGACCTCCTA  TGGGCCCTTG  GAGTTGTGAA  ATAAATAAAT  AAATAAATAA
584351   ATAAATAAAT  AAATTTCCTA  CTCATGACAT  TCTGTCACAG  GGGCACCAAA
584401   TGGTGTAAGG  AAAAGGGCCC  CTTGGTGACC  TGTTGTATTG  TCTACTGCAG
584451   TGTCGACATG  GAACAGTGGA  TGCAAAAATG  GTCTTGGAAA  GCCATACTGC
584501   CTGATGCACT  ATCTCAATCC  CTCTGTATAC  TAACAGCACC  TTAGGAAAGC
584551   AATGCGGAGT  CTTGTAAAAG  CTGTTCCCCC  TATCTGTTAA  TCAGGGACAA
584601   TCATGGTAAC  TACTTCTTTA  GTTTAGTTTA  GTTTAGTTTA  GTTTAGTTTG
584651   GAATAAATGA  GTCAAGTCAT  GTGAAAAGAC  ATCGCATGGC  ATATAAGACA
584701   TTTTTGCCTT  TTCTAAAAAA  AAAAAAAAGT  AGTCTATATT  TCTGTGTTAT
584751   TAGCATCATT  CTCTCAAATA  GACTGACTTG  CAGACCCAGT  GATGAAGAGC
584801   CAGTTGTTTT  TTTTTTTTCA  GCTTCCTTAG  CAAGTTATTT  TGGCATCCTC
584851   CCCCCCCCCC  AACCCCCCTG  ATCCTGACTC  TAGGAGCCTT  TAATTCAGAG
584901   TTTGGTTTGT  CACAGTGACT  TCCTGTTCTC  TTTCATTTAA  TGGAGTCTGA
584951   CTCCTTCATC  TTGTGGACTG  GCAACTGTAA  TGAATGTCAC  CCGACTCTTG
585001   AGACCACCTG  GTCCCTCCTT  TGTGTGCTGT  ACCTTTCCTA  AAGATGTACA
585051   CCCCTGTTGC  AAATCACTTA  GCAAAGGACC  TTGGGATGCT  CTTGGAGCAA
585101   ACCACCCCCC  TCTTGAGGAT  GCAGTTGCCC  ATGTGAGAGG  AGCAGAGCTG
585151   GATTGTTGGT  TTGTTAAAAG  TTTTCTGATA  CCTTATCGAT  ATAGGATCTT
585201   GGGGACAGGT  CACACTCACC  CCACGTTCAA  GCCAATTACC  TGATATTTAG
585251   TTATCGAATT  CCTTCAGGGA  CTGTCTGCTC  TTGGTGAACA  ATTAGATTAG
585301   AGGATGCTGA  TGAAATTCTG  GTGGCAGGAA  GTGGGAGTTA  CATTTCTGAG
585351   CTCAGAGTTT  CTATTTCAAG  GTTGAGTAAG  TGGTAAATTT  TTACTGAGGG
585401   AGTCTAGCCT  AATAGAGTCA  GATTCTCAAG  GTCTGTCCCC  GCCCCCACCC
585451   TGGCGCAGTA  CGTGGATGGA  CACTTCAACC  TGCCTGGAAA  ACTTCAGGTT
585501   TCAGGTTTTC  GGAAGCGGGC  CTCCCTGTCC  TTCATGTTGG  CATGAAAACA
585551   ATTAATAATT  TAAGCCAGAC  CCATTTTAAA  AAATAGAAAT  GCTATACAAA
585601   TACAATAACG  ATAAATTTAA  AAGTCGATCC  AGTTGGGCAC  CATTCCCAGA
585651   CTACCAACTG  AGCAGACACA  CAAATAAGTA  AAGAAGAGGA  AAAACTGCTA
585701   TATAATGCAA  ATGGCTGCCA  TCTCCTTGTT  TTCTGCTGTT  CTTTTATTGC
585751   AGATATATAA  TATCAAGGCT  ACATTATGGG  TAAATAGGTT  TTGTGGCCTA
585801   ACCCAGAAAA  CCTAATCACA  GCTTATAATA  TTATTTCTAT  GAAGGAAATA
585851   TATTTTATAT  TATAAACAGA  TGGTTGGCAA  GCAGTATTTG  GAGCACAATC
585901   AGTTTGTAAG  GCTGGGTCTA  CCGGGGATTT  TAACCTTTAA  CAGAACTGGA
585951   TGCTCGGATG  TTGAAACCAC  AAGGCATCTT  AGAGGACCCC  GGTGAAGTGA
586001   TTCTCTCCAG  AATCTTCACC  AAGATTTTCA  TCTTAAAAAC  TGCCTCCCCC
586051   ATCTTTGTTC  TTTGGTTACC  TGAGACCCAC  TTTCCCGTCT  TGGCTCAGCC
586101   TAGCCACGCT  TTCTAAATTC  TGTTGAGACC  CCAGGAAACT  GGGAGGTACT
586151   CTGAGAGGCC  TTATCCTGTG  CACCTTATAA  AATGGTGGCC  AGGGTCCTAG
586201   GAGGCTACCA  GTGAGAGAGC  CTGTGTGCCT  CTGAACCTAG  GTCATGCTAG
586251   AAGAGTGGTT  CTCAACCTGT  GGGTCTTGAC  CCCTTCGCAG  GGCGAGTGAC
586301   CCTTTCAAAC  ACACATGTTT  ACATTAGAAT  TCATAACAGT  AGCAAAATTA
586351   AAGTTAGGAA  TTAGCAACAA  AAATAAAGTT  TGGGGTTGTC  TCAACATGAA
586401   GAGTTACATT  AAGGGGTTGC  AGGATCAGAA  AGTTGAGAGT  CATTACAACG
586451   GAAAGAGAAC  TAACGGGAAA  TCACTCAGAT  AAGCACCCAG  CACAGGTGCT
586501   GTTGCTGCCA  TGTTTGGGTT  GTGGAGTTTT  TCAGGTATAC  GATGGGCTAC
586551   ACAGATTTCT  ACTGACTTCG  GAAGCAAACT  CACCACATCG  GAGTGGTTTC
586601   TGAGTGTCAG  AGAGTGAGCT  TAGCAGTGTC  CGGAAGCTCC  ATTGGCCACT
586651   TGAGGCTGAG  TAGCTTGGAA  CATGTTTTCT  GGGTTGCAGA  TGGGGAGGAG
586701   GATCCATTTT  CTTATATATT  CGGGTGGCTG  TATTAAAGTC  TATTATTATT
586751   TTGAACAAAT  TGAGTCTATA  ACACATTTCT  AGTAAGCTGA  GAAGAGACTT
586801   CTTAAATAGT  TGCATGCACT  AATTGTTACC  ACATAAAGAG  TTTTCACCTA
586851   AGGAAAGTTT  TTTTTTTTTT  AATTTAAATT  AACTTTTTAA  TTCCCTTCAG
586901   GAAATTTTTT  TCTTTGCAGT  TGGACAGTTT  TATGTTCTAA  CTTTCAAGTA
586951   GATTTGTATC  TACTTATTGA  CTTGATCACG  TAGGCATGAG  ATCTAACTAG
587001   GAATAGGAAC  AAAATAAAAT  AAAACAGTGA  GTTAGAGTTT  TCTAGAGGAA
587051   CCAACACACA  CACACATGTA  TGTATGTATA  TATTTATTTA  TGTATGTATG
587101   AAATCAGCCT  CATTGAAATA  GTACAACTGC  TATCTCATAT  CTGAGAACCT
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197

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587151    GGTAATTGCT  TGGTCCTTGA  GGCTGTGTGC  CTCAGCAGTT  AGAGTAATCC
587201    CACAATGACA  GTCTCACAAT  GGGGAAGCTG  AGAACCCAGT  AGTTACCAAG
587251    TCTACAAGGC  TGGGTACGCC  AACAATCTTT  ATCTCCTGCC  AAAAACTTGG
587301    AGTGTTTCTG  GAGAGCCACT  AGTCCCCAGT  CAACAAGAGC  AGCCTGGAAA
587351    CACCAGCTCT  AACTCTAATG  TCAATGAAGG  AACCAGCAGC  AGCAGAGGCA
587401    GGTGAATTAA  TTAAAGCGGC  AAGATGGAGG  ACCAAGTGAG  CAAAATATCC
587451    ATTTTAATTT  GGGCTGCTAC  CAGGAGGCAC  CATCCTCTTT  CGGGGTGGTT
587501    CTTCTCAGAT  CAAGCAGGGC  AGTCAGGGCT  GTCCTCCGGT  GAGGCTTTTT
587551    ACTCAGGTGA  TTCTAATTTG  TGACAAGTTG  CCATTAGGGC  CAACCAGCAC
587601    AAATAGCGAT  TGCTTTCAGA  TTGATCCTAT  TGTGATTTAA  ATATGTTCCC
587651    TGCAAAACCT  GTGTTCTCCT  GGAGTTGGGA  GGTGGGGCCT  GTTGGAGGTG
587701    GGGCCTGTTG  GGAGGTGTTT  ATGAATGAGG  GCTCTGTCAT  CTCCAGACAG
587751    GCTTGAGACT  GTGAGTTCTG  TCTCTCACTC  TCGCCTTTTT  CTTACCCTTC
587801    CATTATAGGG  TAATGCATCA  AAACATGCCC  TTGCCAGGTC  TGGGTCCTTC
587851    AGCCACTGAC  TTGTAAAACT  ATAAGAAAAA  AAAATATATT  CTTCACAAAT
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587951    ATAATTGGTA  CTCAGTAGTA  AGGCTGAGAT  ATAATCAATA  CCTGACAGCG
588001    TGGGCCTGGC  TGGGAACTGG  TCATGGGTAG  AAGCTGTAAG  AGCCTGGGAC
588051    ATTGGGAGGG  GGAAAAATCT  ATCGCAGTGT  GCTGATTCCT  TTAAAAAATA
588101    TTTATTGCAG  TGGTGTGAAT  GTACAATACT  TAGATATGCT  GTATATATAG
588151    TGTAACATCT  GTATATTTAA  TCATAAAGGC  AGATAATTGA  AAACATTGTA
588201    AAATTAAGCA  CTTCAATTCT  TGTTAAATAT  GAAACATTTG  TATCTTGTAA
588251    ATAAAGACAT  CCTTAAATTG  GTTTTGGAAA  AAAAATATTT  ATTTTTATTT
588301    TACAAATATG  TTAGAGCCTG  CATGTATGTA  AGTATGTGTA  CCATGTGCAT
588351    GTCTGGTGCC  CACAGAGGCC  AGAAGACAGA  GTTGGATGCC  TAGAAACTGG
588401    AGTTATAGGC  AAACGTGAGC  TACCCAGGGT  GTGTGCTTGA  ATTGAACCCG
588451    GGTCCTCTGC  AAGTCCAGCA  ACCGCCCTTA  GTTGCTCAGC  TATCCCTCCA
588501    GCCCACTAAG  GGTCATTCTA  ATGTAGATGT  ACAGATTAGC  AATGTGGAAA
588551    AAGCCTGGGA  CTTCCTAGAG  ATTACAGGCA  CGGTCGTGAT  CAGAATATTT
588601    GTAGAAATAT  GGAAGGTGAA  GGCCTCTGAC  AGGGTCTCCA  GTGAAAGTGA
588651    AGTGCAAAGA  TTTGGAACTG  GGAATAGAGG  CCATCTATGT  CAGTTCCTCT
588701    TGTGTTGCTG  TGCTAAAATG  CTAGACCAAA  AGCAACTTGA  GAAAGAATAT
588751    TTTAGCTTAC  AGTAGAGAGA  AAGAAGTAGT  CATGGCTGGG  AATGCATGAC
588801    CTGGTAGCAA  GGGTGGGAAG  GTGGCTGGTC  ACAGTTCATC  TGCACATGAG
588851    AAGGGGGAGG  GGCTATAAAC  CTCAAATCAT  CTCCCTCATT  ACATAATTCC
588901    TCCAACAAGG  CTCCACCTCC  TAAATAACCT  CCCCAAACAG  TGCCACCAAC
588951    TGAGGGTCAA  GTACTCAAAT  ACATGGGCCT  ATGTGGGACA  TTTCTCATTC
589001    AAACCACCAC  ACAAAGACAG  TGTGGTGATT  TGAATATGGT  TGGCCCATAG
589051    GTAATGGTAC  TGTTGGGAGC  TGTGGCCTTA  TTGGAGGAAG  TGTGTCACTG
589101    CGGTTGTGGG  CTTTGAAGCT  CTTTGTGGTA  AAGAGCTTCT  TCCTAGCTGC
589151    CTGAGGATGC  CAGTCTTTCT  GGTTGTCTTC  AGATCAAGAT  GCAGAACTCT
589201    CAGATCCTTC  TCGAGCACCA  TGTCTGCCTG  CATGCTGCCA  TGCTTCCTAC
589251    TGTGATGATC  ATGGACTGAA  CCTCTGAAAC  TATAAGCCAG  CCCCAACTAA
589301    ATGTTTTCCT  TTATAAGAGT  TGTCATGGTC  ACGGTGTCTC  TTCACATCAA
589351    TAAACCCCAA  ACTAAGACAC  CTCGTTAACA  GTTACAAAGG  GGTTGGTAGA
589401    ACTGTGCCCA  TGATCTAGGA  CTCTGTGAAA  TACAGATTCG  GGGTTTCTGG
589451    TAGAAGAATT  TCTAAGCTAA  ATATTGAAGA  AGCTGTGTGA  TTACCTTTTA
589501    CTGAAAGAAT  AAAATAATTT  AAATACAGAG  TTTGTAGTTA  AAAGGGAAGC
589551    GGGGAGAAAT  TTTTGGGAAA  TTCTCACCTG  GCCATATAAA  AAATGAAGAG
589601    GCATTTTTAG  AAGATGGAAT  TAGGAGCGTG  GCCACGGGAC  CACTTACTGG
589651    AGATTACTAT  ATATAAAAGG  CAACCAGGTT  CTAGTCATCA  AGAGTAACAG
589701    GAGAATGACC  TCAAAGACAC  TCTTCAAAGT  AGGTTGGACC  CTTAGGGTAA
589751    AGCTGCCAGA  GAGGTTCCTT  AAGGTCCCCA  GCATTCATTT  GCCAGGCCAC
589801    TTTGGGACTT  TGCTGCTTGT  GTTCTGGTTC  AGTGTTCCTT  GGCCATCCAA
589851    GCTATGGCTC  AGGCAGGCAT  AGATACAGCT  TGGATTGACA  TTCTGGAGGG
589901    TCAATGTGGT  AGACCATGGT  AGGTAGCATC  TACTTGGTAC  TAGTTTTATA
589951    CCTATGCATA  GTTCATGGGC  TAGGAGCCTA  TGATAGCCTT  CATCTAAAAT
590001    CAAAAGGCTA  TCACGGGCAG  CCCGGGAGTC  CATGCAGAAC  TTACTACAGG
590051    GATAAAGGGA  GTGTATGTTG  AGAGTATTTA  CTATAGCGAT  GTCTAGAAGC
590101    TTATGGGAAT  GGTGTATCTT  CTGAGACCTC  AGAATTATAC  TAACACTAAA
590151    CCCTTCAGCT  GCAGGTACCA  GACCTAACTT  ATGACAGCTA  CTAAATGGAC
590201    TAAGCCCATC  CTAGCATTAG  TAGAACTGCC  TGAGTGCCTG  TGCCAGGATG
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198

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590251  TGGTCCATGG  ACTTAAAGGA  GGTTATTCTG  GAGCCTGAAG  AGTTAACGTT
590301  CTCCTCCTTC  CTGGGCTGTA  GATTACATGG  AATCAGTTTC  TGCACACTTA
590351  GTTTTTCTTA  TGGAATGAGA  ATGTCTGTCT  GCCTGTCTGT  CTGTCTGTCT
590401  CATCTTTGCA  TTTTGGGAGC  ACATACTATA  TTTACATTCA  AAAATCTCAG
590451  GGCCGGAGAT  GATTGTCTCT  GGATGTATCA  GACATAGGTT  CTCACCCACA
590501  GCCACTTTAG  GTGAGAGCCC  AGATTTTGAG  TTAGTACGGA  GCCAACTAAG
590551  TCTTTGGGGG  CTGTTGAGAT  AGAATGAATT  TTCTGGCCTG  GTTTTCATGG
590601  GAGAGGGACA  TGAAGTTTTA  GGGTCAGATA  TGCCATGGTG  TGGCTTGAGT
590651  ATGTCCTTCT  CAAAAGCCTG  TTCGAAACCT  ATACTCTGGT  CGGTCAGTTT
590701  TGAGGGGTGA  GGTGGAGATT  AATGGGAGAT  CAAGAGCACC  CCACCCCCAC
590751  CATGAAAGGG  AGAAACTAGC  AACAGTGAAT  TCTGTGTCTT  TTTTGACATC
590801  CTCTTCTCCC  AGGGAATGAC  ACAGCCAGAG  ATGTTTCACC  AGAGTCAAGT
590851  GCCCAGTCAT  AACTATCCCA  GTTTCTTAAG  AAATAAATCT  TTATTTTTTT
590901  TATAAATATA  TGAGTCTGGG  TCTTCTGCCA  AAGCTGCACA  GATCCTTGGA
590951  AGAGGGGGAG  CACATGCCCC  AGCATAAGCA  ATGAACACAT  ACACAAACAT
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591051  AAAGAACACA  CACACAAACA  TACAAAGAAC  ACATACACAA  ACATACAACA
591101  AACACATACA  CAAACATATA  AAGAACACAT  ACACAAACAT  ACAAAGAACA
591151  CATACACAAA  CATACAACAC  ACACATACAC  AAACACACAA  AGAACACATA
591201  CACAAACATA  CAACGAACAC  ATACACACCC  CTGACATTTT  CTCCAGAACA
591251  CACTTGGGCT  AAGATGACTC  CAGTTTCCCT  CCTATTCAAA  ATGGCCTGGC
591301  AAAGTGGAAC  GAAAACCAGT  TAAGAGATCT  AGGAATTTGG  CTGACAAGAG
591351  AGCTTGCTTG  TAATCCTAGC  CCTTGGGAGG  TGGAGGCAGA  AGGATGAGAC
591401  ACTTGAAGCC  ATCTTTGCCC  TCCTACATTG  TGATTTTGAG  GCCACCTTGG
591451  TCTACATGAG  ACCCTGTGGA  GGATGGAGAC  AGAAACTGGA  GAAGGAGAAC
591501  CTGCCCATCG  AGTGGTCAAG  TGGCTCATCA  ATCGCCAAGT  GGAATGATAT
591551  TTTCATGTCA  TTCCGGGAAT  GGCTTGAGAA  TTTATCCATT  TGGCCATTTC
591601  CTTGATGGGT  CCACAAGAAT  AAGAACGATT  TGTTTCAACA  GAAATCATCC
591651  CAAACCCCCT  GGTTTTGTTT  ACTAAGATGT  GGAAGCGCTG  AGCTCTGCTC
591701  CCCCTCCTTG  AGAAATGCGA  ATGTGTGGGT  AATGTGCTGT  CGAGATTTTA
591751  CAATCTGCAA  TATTTGAGAA  GTAATAAGAT  ACTGTTGTTG  GTTGACCATC
591801  TGGTTATACA  TACTTGGTGT  TGTGGTTTGC  TTTTTTATTC  TTTCATTTTT
591851  ATTGTTTTAA  ACTGGTGAAG  GGCAAGAAT   GAGAGTTAGA  AAAAAATTCA
591901  GATTTGGCTT  TCTTATACAA  ACAAAGAATT  CATATTTAGA  TGTGCAACCC
591951  AGTTAGTTGT  TGTTTCTAGG  GGGAGAGTAA  ATGAACAGTC  CAGTATATAT
592001  GTTCTTTCAT  TTTCCTTTTC  AAAAATAAAT  AAATAAGTAA  ACTAACCTTA
592051  ACTCCTAATT  TGATCTTCAG  CTCCAAACTT  TTGGCTTATG  TGAAAATCAG
592101  TCTCGTTGCC  TGAAAGAGGA  GTCAAGCATA  AATCAAAGCT  CTAGAAAGAA
592151  AATTCACCAG  CAGAACGGTC  CTATAGAGAT  TTCATATTTC  ATCCATTCAC
592201  TCAAAAATAT  TTATCGAAAC  CCTAGTATTT  GCATCTCGTG  CTGGCAGACG
592251  CTGAGGGATT  TGCTAAAGAA  ACATCAAGAT  GTTCTCCCTC  CCTTCCAGGG
592301  GCTTAGTGCT  TTCTCGGGGA  GAAATGGCAT  GGCCATGTGA  AACAGTTAAG
592351  TTGTAATTCA  AGACAGCATA  TGATTAAATA  CCAAAATGTG  TGGTTCCGAC
592401  AAGAAATGCT  ATAGTTCAGA  GAAGGGAGTG  ATAACTTTGT  AGCATGACTG
592451  GTTTTTCTGC  CTACAAATTG  GCAAATTGTA  GCACTATTTG  TATGAAATAT
592501  TTTACACTTG  CTTTTTTGGC  AGCCTTAGGC  CTTGACTCCC  AGTCAGCATT
592551  AAGAGCCTGC  AAAAATATTT  GTACTCCAGT  CACTGTAGAA  TTGGCTTAAT
592601  TTTTCTCCCC  TTCTTTCTCC  TATGCAGAGG  AAGTGCCTTG  GTACAAGCCA
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592851  TCACTAATGA  AAATCCCTTT  GGTTATGAAG  TTGGAGAAGG  GCTAACCCAG
592901  ATGTAGGAAG  GGTTGAGACA  CATATGTGCT  CCTGGGGAGC  CCAGTTCCCT
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593001  CAACTTCCCA  TTCTATATTT  GTCATATCCA  AATGAGCACA  AAACTCAAAG
593051  AAAAGCCATA  AGACTAAATT  GTTAAGAATA  AGAGAGAGAT  GATAGGTAGG
593101  GCTTCCAGGG  GAGGGAGGGG  GACACCAACC  CTACCCATAA  AACCTTCGAC
593151  CCTGATTACA  AGATATCTGG  GGATAAAGAT  AGAGCAGAGA  CTGGGGGGAT
593201  GGCCAACCAG  TGGCTGGCCC  AACTTGACTC  ATCCCATGGG  CAAAAACCAA
593251  TTCCTAACAC  TAGAAATGAT  GTTCTGCTAA  GCTTGCAGAC  AGAAGCCTAG
593301  CATAACTAGC  CTCTGAGAGG  CTTCACCCAA  CACGTGATGG  AAACAGATAA
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199

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593351  AGAGACCCAT  AGCCAAACTT  TAGGCAAAGA  TTGGGGAGTC  TTGAGGAAGA
593401  GGAAGAGAGA  GGTTGGGTTG  AGGGAGCTGG  AGGGGTCAAG  CACACCACAA
593451  GAATACATAC  AGAATAAATT  AACCTGGGCC  CACGGGAGCT  CCCCAGGACT
593501  AAGCCACCAA  CCAAAGAGCA  TGCAGGGGCT  ATACCTACGA  CCCCTATACA
593551  TATGTAGCAG  ATGTACAGCT  TGGTCTTCAT  GTGGGTCCCA  TAACACTCGG
593601  AACAAGGACT  GACTGTCTCT  GACCCTGTTC  CCTGCCTTTG  GCTCCCTTCA
593651  CCTTTCAGGG  CTGTCTTGTC  TGGCCTCAGT  GGGAGAGGAT  GCACCTAGTC
593701  CTATTGCAAT  TTGATGTGCC  AGGTTGGGCT  GATAGCCATG  GAGGCTGAAG
593751  GGAAGGGGGA  GTTGGGGGAG  GGGTGGGAGG  GTGGGACTGG  GAGAAGAGGA
593801  GGGCTGTGAT  CAGGATGTAA  AGTAAAATAA  ATAATGAAAA  AAACAGAGGA
593851  AGAAGAAATA  AAATCTTTTG  AAGTCAATGT  ATCGTTTGGG  CCCTTTCATA
593901  ACTGTGCTGC  CCCTCAGTGA  TTGCTGTCAC  CATTTAAATG  TGTTGGAATC
593951  TCATGAACTA  GGAGTTCTTA  GTTTTCTTTT  AAAACTCCAC  AGTTGTTTGC
594001  TCAGGCTCAC  CTTCATTTTA  ATCTTTGCCT  GGAAGGGGTG  TGGTTTCTCA
594051  AGCTACTCCA  TGTTACTCGT  TGGACTGTCT  GCATGGTGCT  GTGTCACTTG
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594201  TGATTGCAGT  GTGAGAGCAT  CTATTCATCA  AAGGACCTGG  CCCTGGCCAC
594251  AGCTTAAGAT  TTATTTGGGG  CATCTCCTGA  GCTGGCTGAC  CTGGGAGAGT
594301  GGCCTTGCAA  AATATTTTGC  TCGTATCTTT  TGATATAATT  TGGTATCTGT
594351  CTAAATAAAT  GTTCTGGAGC  AGATGGTTAC  AGAATGTCTT  ATCATATTCT
594401  TGGGCAGACT  CTGCCCTTGA  AATATTTTCA  TTTAATCATC  ATGTTGCAAA
594451  GCTCAAAACA  GTAGCTTTAT  TATTTCTTTT  GAGCACAAAA  TGAATCTCAC
594501  TCAATAGGTT  CGTATTCTGG  TTAATGTATT  GCAAGCCTAA  AATATATTCA
594551  AAATATAAAC  CTTTTCTGGG  CTGGTCTTAA  GCGGAATTTC  TCCACAGGCA
594601  CTCTTTATTT  TAGAATTCAT  GGAAGAGTAT  CCTTCCATTT  GAAGTATTTG
594651  ATGATGTCAT  CTTGGGTGAT  AGCCTAGAAG  CTGAAGTTCA  ACATGTTGTC
594701  AACATTTGTC  CTCTGTCCCT  AAACCTGATG  AAACACACAC  ACACACACAC
594751  ACACACACAC  ACACACACAC  ACCTCTGCTA  TTTCTTTGTT  GCTTTTCATG
594801  AGTTTAATAT  CAAATCCCTT  TTCTCATTCA  AAATCAATAG  CCTACCATAC
594851  AAAGTGCTTT  GTACTACTGA  TCATGAGAAA  GCTGTAATTA  ATGTGTGTGT
594901  GTGACAATTT  ATCAGTTGGT  GTCTTTTGTT  TGTTTTGTTT  TATAGGTGCA
594951  CTTTTCAAGG  GGATTGCACA  CATGCTGGGA  GCTTTGAAAA  CTGGCTGGAT
595001  ATTTCATCAG  GACCTAAAAA  ATGCCCGAAA  ATTCAGATAC  TTCGAAGCCT
595051  CCGAGAGAGA  GTAAGAGGAA  ATAATTTTAT  TTGTCTTTAT  GATATTGTCT
595101  TTATGATATG  GTACAGCTGC  CTTCTGGGTA  TAAAGAAAAT  CTTTTCACAA
595151  TGAAATAGGC  TTCATGACAG  GACTCCATTC  ATTCTGTTGG  TGAATGGTAA
595201  GGGCCTGCCA  GATGTTGTCT  ATCTGCAAAG  TGCCAAGGAT  GCAGTAATAG
595251  CCAGGTCATT  CGTGGTACAG  CCCACCCCCA  TAGAGGCTGC  CATCTTGCTA
595301  AGTAAAGATG  ACCTTAGGG  GTTGAAATCA  AAGAGAAGAT  GCATTTTTTT
595351  TATGCAGAAG  ATATCCAGCT  TGATTTTAAA  AATAGAGGAA  CAATAAGCTC
595401  AGACTTATAG  TTGAGTAGAT  CCCTGCAATG  TGGATCTCAG  TGGGATTTTA
595451  TTTTGATCAG  CCAGTCTTAA  TACCGCTGTC  TTCAGTCTTT  GAACAACTGC
595501  CGGTGCAGGA  GTCAAGCAGG  AGCATGCACC  AAAGGGTGAT  TGGGTCCCTT
595551  GGAAAGCTCC  TGACATGGCG  TGAAAGAGGG  ACACAGAGAG  CGCATTGGAG
595601  CAGAGCCTTC  CCTGATGCCC  ACACCCACCC  TGCCTTGAGG  GGAATAGAAT
595651  TCCTTACATG  ATGCTGTAAG  GAGACATTTC  CTCCCTAATC  ATGGCTCTTG
595701  TGTTATGAGT  AATTGCACAG  AGTCCCCGTC  AGCAGCCAGT  TGACCTGTCG
595751  ACTGCACTCA  CTGTGTTCTG  TGTGAATGCC  ACATTAACAA  GGAAATGGGC
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595851  AAGATGATTT  AACATTTAAT  AAAGGAAAGC  CAGGGCATTT  AATGAGTGAT
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595951  ATTGAAAGTT  ACTTGCTATT  GTTGCTTCCT  GTCACTCTCT  GAAGCAAGGG
596001  CGAGCTCCAA  ATCTCCAAAC  TCCTGCCAGC  TCCGTGCCAG  GGGTCAGAAT
596051  CAGAGTAAGT  GAAGTTCAGC  CATCCATACA  CAGGTGTAGT  CAAGTTCTTT
596101  TCTTACTGAT  CTGAAGAAAC  AGCCGGCTTT  GATGCTAAGT  GCTAGGCAAA
596151  AAGCATTAAG  ATGTTTTGAT  ATCCTCAGGA  CTCTGATACA  TGGTTAAGAT
596201  TATGCAAGGA  GTTTTTCTCT  TTGTCATTGA  AGGAACTGTT  AAGGGTGATA
596251  CTATACCTTA  GAATAGAAAG  AAAAAAAAAA  TAGCTTGCTT  AAGTGCCGCT
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596351  CATGTCATCT  GGAACATTTA  AAAAAACCTG  TTTCCACTCA  CTCAGGACTA
596401  GTAGATCACC  CCTGTAATCC  CAGTGTTCAA  GAGGCAAGGG  CAGGAGGATC
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200

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596451   CCTGTGAGTC   TGAGGGACCA   GCCTGGTCTC   CATAATAAGT   TTCAGGCCAG
596501   CTAGGACTCC   ATAGTGAGAC   CCTGCATCAA   ACAACACAGA   GCCAAAAACC
596551   TTGCCCACAA   CCACTCGTTC   CCCCACCCTG   TGTCCCCACT   GTGGCTTACC
596601   GATGGGCCTG   GCCGTCTTCC   CATGCAGCCA   TTACATCACT   GTCCACAAAT
596651   CAGAGATAAG   TTCTTTTTTT   TTTTTTAAAT   TCACATGCTA   CTATTTCACG
596701   TGTGCTTGTG   CATGCCATAG   CATGACTATG   GTCAGAGGAA   GGGTGGAGTG
596751   GGTTCTCTTC   TTCCACCGTG   TGGGTCCTGG   GGCTCTGACT   CAGGTTATCA
596801   GGCTTGTCTA   TAGGTATCTT   TACCTGCTGA   GCCACCTCAC   TGGCTCAATG
596851   ATTTGCTAAT   TTCCCTTCAG   GTCTTCTTTA   AAACTATCTC   TGCACTTATC
596901   TTCCTCCCAA   CCAAGGGATT   GAATCTTATG   CATGCCAGAG   GCAAGCACTC
596951   TCCCACTTAG   CTGTACTCAT   TAGCTCTAGA   TTGTTCCTTT   TAATACTACT
597001   GATGCGGTTC   GACCCCTCTT   TCTCTCTTCA   GCTCTCCCTG   CTCTCTCTTT
597051   CTTCTCCCTT   CCTGCTTTAC   TGCCGTATTA   CCAGACCTGG   CTCCTTCTGA
597101   TCATGCTGTT   TCCACGTATT   TCTTACTCCC   TGGCCATCTG   TGACGTACAT
597151   GAAAGCCTCA   GGTCACCGTT   TCAATAGTGC   CCGACCCTTA   CCTAAAGAGA
597201   TGGCAGTCTG   TGGTTGTTCC   CAATACAATC   TATTAGGTAA   GGTCAAAGAG
597251   TATTTGCTAG   CTGTCCATCA   TATGCCTGCC   AACATCCTAG   CACCTTTGCA
597301   GGTATGGAAT   AAAAAATACA   TTACAGAACC   TTGGCTCATA   AGAAGCATTA
597351   TTTCATTACC   CAAAAGCAGC   CAGAGAATAG   GATGTCTTCA   TCTTCACTGA
597401   GGGATTCATA   ATTAAAAGAA   TTAATTAGAG   AAGCACCTGT   TAGTCTGGGA
597451   TGGATTTCTC   TAAGGTTTTT   GTTGAGCAGA   AAGAAGAAGA   AGAAGGGGAT
597501   GTAGTCTCCT   ATTGAACCGA   AATTTCTTGT   TGGTGCTCAT   CTGTCTCCGT
597551   GTGATTATGT   GAGCATTGTC   TTAGTCAGGG   TTCTCTAAAG   GAACATAATT
597601   TAGAGGGAGG   GAAGGAGGGA   GGGAGGAAGG   GAGATATGTT   TGTGTAAATA
597651   TATATATATA   TATATATATA   TACATATATA   TATATATATT   TAAAAAGGGA
597701   TTTACTAAAA   TGGTTTATAG   ACTGTAGTCT   GAGAAGTCAA   AAAATCGATG
597751   TCTCCCAACC   ACAAGGCCAA   GGATCTAGTA   GTTGCTCAGT   ACATGAGACT
597801   GCATATCTTT   ATAGTCCCAA   TCTGATACTG   GAATCCCAGG   TACATTCTAG
597851   AAAGCGTCTA   GGAAGAAGGC   TCTGATAGCG   GCAAAGAAAT   GCTTCAGTAA
597901   CAGGATAGAT   GAACTTGCTA   GCAAGAGTGA   GACTAAACTG   GCAAAAAGCA
597951   AAAGCTTCCT   TCTTCGAGGT   CCTTTTACGT   GGGCTGCCGC   CAAATGTGGC
598001   CTAGATTTAC   AGTGAATCTT   CAGATCTCAA   ATCCAAGCAA   GAAAATGCTC
598051   ACAGCTGTGC   CCAGTTGCTT   GGGTTATAGT   TGATTCTGGA   TGCAGACAGC
598101   TTGACAACCA   AGATCAGCCA   TCACAAGCAT   GGAGATTTGT   ATGGAGGCAT
598151   TGGTTCCAAG   CGCGGCTTAT   GAGCATGGCC   TTCCCAGTTG   AATGGCTAGC
598201   TAACGGAGAA   GGGAGGCCAG   TAAAACCGGA   ACCCGAGTCA   CGGTGCAGAC
598251   ATGGTCCCAT   GGCATTACAC   ATGCAGTTAA   GAACACTGTG   CTCAACACAT
598301   ACAGAGAGTG   TTAGTGTTCA   GTGAAAATCA   TTAACCAATA   AGAATATGAT
598351   GGATTAGGAA   CAGAAAACTT   TTTTTTCTTC   CCACAAAACA   ACCTGGTTTC
598401   TAAAGGAGAG   GTGGCAAAGA   GACTCTTCCA   CAAATCAGAA   CGGAAAAAAA
598451   TTCTACCAGC   ACTGCTTGTG   TCAACAGTGT   CTCTTGGCCA   GTCGTACAAG
598501   AAGCAAGTAG   TTGGGGGCTG   GAGAGATGGC   TCAGTGGTTA   AGAGCACTGG
598551   CTGTTCTTCC   AGAGGTCCTG   AGTTCAAATC   CCAGCACCCA   CCCACGTGGT
598601   GGCTCACAAC   CATCTGTACT   GGGATCCGAT   GCCCTCTTCT   GGTGTGTCTG
598651   AAGACAGCTA   CAGTGTACTC   ATAGACATAA   AAAAAATTAC   ACAAAGCAAG
598701   TCATATAAAT   AATTGAAATG   AAATACAGAA   AAATGTCACT   GCTTGCTAAC
598751   CCTACACTGA   TGCATATATT   CTAAATATAT   TCATTTGAAA   AACCATTGTC
598801   AGATTCCAAG   ATGTAAGTTG   CTTGAGAGAG   CACACGCTCC   CTAGCATCGC
598851   CAAAATTTAA   AAATATCAAA   AACTACACTA   AATAAATAAA   TAAATAAATA
598901   AAAATACAGA   TGTTCAATCA   ATTCTCAGCA   TTCATACAGT   GTGTCAGGTA
598951   AACAACTATC   AACTTCCAGT   CTTTGGAAAA   AATAATTCAT   TTATAAAAGC
599001   AATGGAAGTA   TTCAGGAACA   AACTTCAGAA   ACAACATGTA   TTTCCTGTAT
599051   TTAAAAGTTA   CTTTTAAGCT   GAGCAATGGT   GGCACATTCC   TTTAATCCCA
599101   GCACTTGGGA   AACAGAGGCA   GGCAGATCTC   TTGAGTTCAA   GGCCAGCCTG
599151   GCCTACAGCC   TGGTCTACAG   AGTGAGTTCC   AGGACAGCCA   AAGCTTCACA
599201   GAGACCTTGT   CTTGAAAAAC   AAAAACCAAG   CAAACAAAAA   ACCCAATTAC
599251   TTTTACTAAA   AGACACTTTT   TGGAGACAGC   TACCAAAAAC   AGAATGTTTT
599301   TTGGCTTGCC   ACAGTTTGTC   TCAGCCATTC   CCCCCCCCCC   CCCCCCATAA
599351   TAAGAAGGTA   GCAGAACAGA   GAGTGGTCTG   TTGAGCCTAT   TTATAGTTTG
599401   TCATTGTATA   ACCTTCTCAA   TTAGAAACAT   AAGTGTAAAT   AGATATGTAG
599451   AAGATATCTC   TTTGGAAAGT   AGGAAAAACA   TCTATGTATA   TCCATAAACA
599501   TCCCATGTTT   CTTAGGAGAA   TTTACTTCCA   TGACTTATTT   TTCTAGATTT
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201

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599551  TGAAATGAGT  AGGAATTTAC  TTTATATTAA  TACTGTATTT  ATTTGGAATA
599601  ATATGAGCTG  ATTTGAATAT  CTAGTGTGTG  TGTATATATA  TACATATACA
599651  TATACATATA  CATATACATA  TACATATACA  TATACATATA  CATATACATA
599701  TACATATACA  TATACATATA  CGTATGTATA  TATATGCATG  ACCACTGTTA
599751  ATAATTATAA  ACAAATGCAT  TATTACACAA  ATACATTGTC  TGTTTGTACA
599801  GTATGTATAT  AATGGTCAAT  GGATGACAAC  AGTAGTTCTT  AATTTGTTCT
599851  GACTTTAAAA  TAGTAAGATG  ATTGATAGAA  TACAACTCAA  AGATGAATAC
599901  AAGAATTTTA  AAGATCAGAT  GTTATAAAAT  AAGGAGAACT  AGAATTTTAT
599951  AAAAAGCAAT  GACTTACAAA  CTATGGAAAC  ATTCACTTCA  TAATTCATGT
600001  TAAATTTAAA  AGTACATAAT  TCAGGGTTGA  TGAAAGGGCT  CCACTGTTAA
600051  GAACACTGCC  GCTCTTCCAA  AGCTCGACTC  CTACGCTGAG  TGGCTCACAA
600101  CCACCTGTAA  CTCCAGATCT  GACGGTCACT  TCCTGCTTCC  ATAGGCAACT
600151  ACACACACAC  ACACACACAC  ACACCCACAC  ACACACACAC  ACACACACAG
600201  CATACCCTCA  CACACTCTCT  CTTAAATACA  TACAAGAAAA  TAAAACAATA
600251  AAATATTTAA  AAATATATAA  AGTGAATCTA  GGATAATTGA  GTAACTTACA
600301  TAAAGAGTCA  CAGAAAATGG  AATCATATGT  CACATAGTTT  GAAGGTATGA
600351  TAATTTTCTT  TAGCTCTGAA  GTATGTAGTG  ACAAAAAAAA  TATTTATACA
600401  ATCAGTGTAC  TTTAAAAACA  GTTTTGGGCT  AGAGTAGTCT  AGGCAGTAGA
600451  GGGATTGCCT  AGCTTATGGC  TTTAACCCTC  AACACTGGCA  AAAGTAACTA
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600551  CCATAGCTAA  AATCTCTCAA  GACAAGAAAA  CTAGGGAAAA  AGAAAAAGAG
600601  AAAGATTAAT  ACACGAAAAA  GCAAGTAGTC  AAAGGCAAAC  GTCCTCAAAG
600651  AGCAGGTTTG  GGAAAGTAGC  TATAAATATG  GAAATAGGTT  CAACCTTGCT
600701  AGTTATGGAA  TAAATACAAA  TTAAAGAGAT  AATAAGTTAT  GCCAACACCC
600751  AGTGTTGCTG  ATGCCAATTA  GCACAACCCT  TTTGGAAAGC  AATTTGGCAG
600801  TATGTCTCAA  AAGTAATAAA  TATATTCAGT  TGTTTAAATC  GCTAATTCCA
600851  GGCATAGAAT  CCAAGGGAGC  AACTTGAAAG  AAGAAAGCCC  TACGCATAAG
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600951  AGAAAAGTTA  AGTAAAATAA  GATCCTTGCA  TGTCCACATG  ATGGAATGTT
601001  CTACAGCAGT  GAGTTCTTTG  GCCCTGTGTT  TACTGCAGTC  TAATTGATTT
601051  TCCAACCATC  CCTGCATCCC  ATCTGACCCC  AGAGTCCTAC  CCTTTCCTCT
601101  TTGTTCAGCT  GTGCTCAACA  AAGAGCCATG  AATCTGGTAA  GGGTTCTCAT
601151  ATTGGGCTGG  GGAAGCTCTC  TTAGTTACTT  TTCTGTTGCT  GCAATCAAAC
601201  ACCAGGACCA  AGGCAGCTTA  GAGAGAGGAG  AGTTAGCCTG  GGCTTGTGGT
601251  TCCAGAGGGA  CGTGAGTGAG  TCCATGGTGG  TGGGGTGGAG  GCAAGGGGGC
601301  AAATGGCAAG  AGGGGATGGG  AGGCAGGAAG  CTCACCTTGA  ACTGTAAGCA
601351  TGATGGAGAG  AGAGAAAAAA  ATAGTGCCAA  GATTTTAATC  TCAAACACAC
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601451  GTGAACTTCC  GCCAACAAAG  TTGTACCACT  GAGTGCCACC  AACTGGGACC
601501  AAGTGTTCAA  AAATCTCAGT  GCCTTCAAAT  CACTATGGAA  GCCAGAGCTT
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601651  CACATACATA  TATACATTTA  CTTTCTTTGT  CTGTGCTTTT  CATGCAGATG
601701  GTTAATCTTT  ACCATTACCC  GCAAGGTGTT  TTTTACATCT  AGTCCTAGAC
601751  CTTTATCTAC  ATATTGCATC  TTGCCTCTGT  TGTCGCTGAA  TTTTATTGCT
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601901  TCTATTTTTT  CTTCTATTTT  TCATATTTTA  TTCTTACCTT  CTTTGTTTTT
601951  CATGATTTTG  TTTCTCTATC  TCTCATTTTT  CCTAATTTTT  TTATGTTGTC
602001  TTGTATTCTT  TACATTTATC  TTTCTTTATC  TTACTGCTTC  TAATTCTTAA
602051  CTCTCTCTTA  TATACTCTTC  TATCTCTCGA  CACTCTCCTC  TTATTATTTT
602101  TATTCTTTTC  TCTTTTTTTT  ATATTTATCC  CTTTCTCTTT  GCATTCTTTA
602151  TGACTTATTG  TACTAATTCC  TCTCGCTTAT  TTTGTATTGT  CTCTATTTTG
602201  AACTCTCTAT  ATATTTTCAC  TATAACATCT  TNTCCTATTG  CTCCTTATGT
602251  TTTCCTCTCT  CCATACTCTC  TAATCTATAT  ACATCTTAAC  GATTATTATT
602301  ACATGCCGTT  CACGTGATTG  TCGCTCATTC  TCTCGTTTGA  TCACGCTCTT
602351  CTTTGTAACA  CTTTATATAC  CTCTGCTACT  CTCCTCTCAT  TATCTTCTCC
602401  TCCTACTTCT  CATTTTATTA  CTTTCTCCAC  TCTTCTATGT  TCTACTCATA
602451  TATTTCCTAA  TTCCTXXXXX  XXXXXXXXXX  XXXXCGGGG  CGAAGAGAAT
602501  AATAAGTATA  AAAGTTAAAG  AAGATAGACT  TAGTCGAAAA  AAAGGAGCGA
602551  GAAACAATAA  GGAAAAAGGA  TAAGAGAGAG  GATATAGAGT  GAGAGAAGCG
602601  ACTAAAGCTA  AAGATAGAGA  GAAGGATACA  TGAAACAAAT  AGAATTTGGA
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202

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602651  AGAAAAAGAG  AGAAAGAAGA  TAGACAGAAA  AAATAAAACT  AGGAATATGG
602701  TAAAAAAGCA  TAGTACAAGC  AGAAATTGAC  ATATAAAACA  TGAAAAGAG
602751  AGATATAGAA  GAGATAAAAA  GAGTGGTAGT  TAAGAGAGGG  TTGAAGGAAC
602801  GGCCTCTCCC  TCTCCCTCTC  TCTCACTCAT  ACACACACAC  ACACACACAC
602851  ACACACACAC  ACCTTTGCTT  CCTGACTCTG  AGCCCCTCCC  ACTGTACCTG
602901  AAAGAGTATG  CTGGCTTCTA  TTTCCTACCT  GGCTGCTCCT  TCACCATCGT
602951  TCCCTTGATC  CTGCTCTTGC  CAAGGTCACT  GTTGACCTCT  ACCCTAAAGT
603001  CCTTGTCCTA  CTGGGATGAT  TGGCAGTGTT  CCTTTATAAT  TAATTAATTA
603051  ATTAATTAAC  TAATTAATAT  TTGCTTACTT  ATATAGGTAT  ATGCTTGTAT
603101  GTGGCTATGC  ATACCTATAT  AGGGCAGCAG  GTTTCCTCTT  CTGTCTCTCT
603151  TCACTTACTC  CTTTGAGACG  GGTCTTTCCC  TAAACTTGGG  GCTCACATTT
603201  TTTTTACCTT  AGTCTGGAAG  GTAGCAAGCT  CTAATGGTCC  TTGTGGGTCC
603251  ACTTGGCTTA  GAGCTGAGGT  TCTAGGCATT  TGCAGGGATA  ACCAGCCTTT
603301  TGTGTGTGTC  CTGGGGTCCA  AACTCCGGTC  CTTATGATTA  TGGAGTGATC
603351  ACTCGACCAC  TGAGCACCTC  GAAGTCCTGA  CCAGGAGCAT  TCATGAAACC
603401  CCCTCTTCCG  TTGCCTGTGC  ATAACACACC  CTGTCTTAGT  TACTCTTCTA
603451  TTGTTGTGAC  AGAAAAACAT  GGCTGAGGCA  TCTTGTAAAT  AAGGCATTTA
603501  GTTGGGCTTA  CCATTACAGG  GATGTAGGTT  TACTCCGTGA  GGATGGTAAA
603551  GGCATGACAG  TTCAGACAGC  TTAGAGTTTG  TATGTTGATC  CGCAAGTAGA
603601  CAGAATGAGA  CACTCGGAAT  GCCAAAAGTC  TTTTGAATCC  TCAAAGCCCA
603651  CCCCCAGTGA  TACACCTCCT  CTAATAAGGC  CATACCTTCT  AATCCCTCCT
603701  AAAAAGTTTC  ATCAATTGGG  GACCAAGTAT  TCAAATATAT  GAGCCTGTGG
603751  GTGCCATTCT  CACTCAAACC  AACACTTAAC  CTCTCCACTT  CTCCTTATGT
603801  CACATCACAT  CTTGTTGACT  CTAGGAAAAA  AATATGTGTG  TGTGTATAAA
603851  TATATATATA  TATATATATA  TTATATATAT  ATTATCACAT  ATATTATCAT
603901  ATATATAGTA  TATCATATAT  GTAATAAATT  ATATACACAC  ATATATACAC
603951  ACACACATAT  ACATAAACAC  ACACATATAT  GTGTATATAT  ATTCCAGTTT
604001  GGACTCATTC  TTTTTACTCT  TTGTCCATAC  AATCTTATCC  ACTTATCCAC
604051  TTCCATGGCT  TTATATATCT  TCCGTACATT  CAGATTTCTT  TTGTGTCTAG
604101  CCAGTATCGA  TTGATCCTCT  GACCTTCAGG  CCTATCTTGA  TATATCCTTT
604151  TGATGACATA  CAAGTATCTT  GAACTTGAGA  GATCCCTCAC  TCCCTTAGCA
604201  AGTCCCACCT  CAGCATATAC  TTACCACTTC  TGATGCTTTC  ATCCATCAGT
604251  CTTCTCACCA  GAATCCTCAC  ATTCACATCC  CTCCCGCCAA  TCCTGTTCAT
604301  CCAACCTCCA  GATGGTTCTC  CTAATTGGTC  TGATTCTTTC  TATTTCACTC
604351  TGCCACTATA  GCCCAGGCTT  CTGTCATCTC  TTGATGATGT  CTTGATGCCA
604401  TGTGACCCTC  TAGGTTGACT  CTACTGGGAT  GTCTGTCTGT  TCTTCTGTAA
604451  ACTCTCAAAG  GATAAGGACT  GTAGTTGTTT  AGCTAGCTGG  TTACTTGGTG
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604551  AAATAAGCAG  AATGGTTTCA  GTTATGTAAA  AATTATGTGT  GAGAACTGGA
604601  AGGAAGTGGG  GAATAATTAA  ACAGCTGACG  AAAATGGGAT  TTAGAAAAAC
604651  CACTGATGAA  GGAATTCAGA  GTAAGAGACA  CACATATAAG  AAATATGTAG
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604751  ATATGACCGA  GAGTGCAGGC  CCCTGAGAAG  ATAAACTAGC  AAGGACAGTT
604801  TGGAGTTCAT  TCCCATACTC  CTGTGAACTT  GTGGTGGTAC  ATGCCTGTTA
604851  ACCCAGCTCC  TCAGAAGGCT  GAGGCAGGGG  GATCACAAAT  AGAAGCCAGC
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604951  GCCTTGGGTC  CAGTCCACAG  TGTCACAGAT  AGGTAAAAAA  TGTCTCATAT
605001  AGATGCTTAG  ACTTCAGGCC  AGGTGAACTT  GGTCTGAAGG  AACCTGCTTC
605051  CCACAGCTTT  ATTCTATGGA  CTGAAAACAC  ATTTTTTAAA  AAAATATTCT
605101  AAGATTGGGG  TATAGATTCA  GCAAGCTGTT  AGGGGTCCAG  GAGAGACAGC
605151  AGGGAAGGCA  TAGGTGGCCA  TATAGGAGGT  CTGAGCAGAG  ATCAGGAGGA
605201  TGAGAATGGA  GACCCCCCAG  GTGGTCCAGG  CCGCTGGTCT  CCATCACAGG
605251  TGAAAGGGCT  ACCTGGTCCG  CCACTCAGCT  TCCCACCCTT  AACCCATCTG
605301  CCGCCTGAAG  TCAGTTGATC  TGCTAGCATT  TAACCCTTTA  ACTTCCCTTC
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605451  GCACTGTATG  CCTCTGCGCA  TGCACAGACA  CTCAGAAAAC  CCTCTTCCTG
605501  TAAATCTCCT  CGGGGATTTG  ACCACATGGT  AAACCATAGC  TAATTTTAAA
605551  AGCAGATTGA  GCTATTATCT  GGTAGCATTC  ATAGGAAGGA  ATAAAGAGGT
605601  GGCAAGGGTA  CCTTAACACC  CAAAAGATCA  AGGAACAGCC  TCTTAAATAA
605651  ACCATGGATT  AGAGTCATGC  AAATGAAAAT  ACAATCCTGT  GTTTGCATGG
605701  GAATGCTTAA  TAATGTAGAG  ACATATGGTT  CACCAAAATG  ACAGAATACT
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203

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605801   GTGATTCTCA  AAAAGATGAA  CCATGTCTAG  GAATCCCTAT  GAAAATAAAG
605851   ATAAATCAGG  AGGCATTTGC  CTTATTAGAT  ATTTAAAGTA  GTAAAAACGT
605901   AGTGACCATG  GGATAGAAGT  AGATTCCAAA  TATATTACAC  GTATTATATG
605951   GTAATACATT  GCAAACAGGA  CACTGTGGTG  GTTTGAATGG  GAATGGCCCT
606001   CATACACTCC  TGTGTTTGAA  CACTTGGCCA  TAGGGAGTGT  GGCCTTGTTA
606051   GAGGAAGTGT  GTCACTGTGG  AGACAGGCTT  CAAGGTAGTA  TGTATGCTCA
606101   AGCTATGCCC  AGTGGGGCAG  ACAGTCTCCT  GCTGCTGCCT  GTGCATCAAG
606151   AAGTAGAACT  CTCAGCTCCT  TCTCCAGCAC  CATGTCTGCC  TGCATGCTGG
606201   CATGCTTCTT  GCTATGACAG  TAATGGACTA  AACCTCTGAA  CCTGTAAGTC
606251   AGCCCCCAGT  TAAATGTTTT  TCTTTATAAG  AATTACCATG  GTCATGGTGT
606301   CTCTTTACAA  ACCAAGACCA  AACAAAACAA  AACAAAAACC  TAAGACAGAT
606351   ATCTTGAGGG  ATGGGGAGAT  GGCTCAGAAG  TTAAGAGTGC  TCGTTGCTCT
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606651   TCAGTGGGGA  AAGGAAAGGG  TTTTTTTGTT  GTTTAGGAAA  TGGTGATGAT
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606751   CTATAGATAC  ACAAATAAAT  TCCAGATGGG  TTAAAAATGT  TAAGTTTAAA
606801   AAACAAAACA  GTAAGGAGGA  TGGAACTATT  TAATTCTTGT  CTGTAAGCTA
606851   GAGTTTAGGA  CGCATTTAAT  AGTCAAAACA  AGAACACTGA  TATCTGCTTA
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607001   TAATATCTAC  GTGGTGCAGA  GAGCTCTTCA  AAATTGATAA  GAAAAATACA
607051   CAGCAGAAAT  GTGGTCAAAA  ACTTGGAATA  TGCGTTTCAC  AGAAGAACAA
607101   ATCAAACACC  CAGTAAAACC  CATCTGTGTT  TTAATACCAG  CTCCCTAGAG
607151   AAACTCTCCT  TCCCATGGCA  GGTTGTCTTA  CTTAGGGTTT  CTATTTCCTG
607201   TGAAGAGACA  CCATGACCAT  GACAACTCTT  GTAAGGAAAA  CAGTTCATTG
607251   GGGCTGGCTT  ACAGTTTCAG  AGGTTTAGTC  CGTTATCCTT  ATGGCAACGA
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607351   TCAAAGCCAA  CCTCCTAGTA  AATCACCTCC  TCTGACAAGG  CCACACCTCC
607401   TCTGACAAGG  CCACACCTCC  TAATCGTGCC  ACACCCTCTG  AGCCTATGGG
607451   GCCATTTTCA  TTCAAAGTAG  CACACAGGTC  TACAGGTGAT  TTCCCATAAG
607501   GCTTTAGGAG  GGATACCGAC  GGTACAAACC  AACCGTGTGA  TATGTGTCTT
607551   CCTCCCTACA  CAGACCACAG  TGACCATTGT  GGGAAGCATC  TCCGCAAGAC
607601   ACTCGGAGTG  CGTGGTGAAG  AACGCAGACA  CGGGCAAGCT  GCTCTGCCAG
607651   GGGAGAAGCC  AACTGAACTG  GACCTGTGCC  TGCAATATCC  CCAGCAGACC
607701   CAGCTATAGT  ATGTGGATTC  CTCTGGGCAA  TCATTATACA  GTCAAGAACA
607751   AGAGCCTCTC  CTGAGTTCAG  TTACTGGGGG  TTGGGGTAGT  TCCCTTCCTG
607801   TCTCTTTACC  TCTGGTTCTC  ACCCAAGTCT  TCACTACATA  CTACCCCCAT
607851   CTCCTGAGTC  TACTCCAGCC  CCTCACTTTC  TGATGTGACT  GGGGAGAGAT
607901   AGGGAAGGAG  ACATTGGCTA  AGAGAGCTTA  GTAATACTAA  TGTAATATTA
607951   CTAGGTACCT  ATAACCATAA  AGGCACCTTT  ATGTCTTAGG  ATTTTATTGC
608001   TTTGAAGAGA  CACCATGACC  ATGACAACTC  TTAGAAGAAA  AACACTTAGT
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608201   GCTAGAGTTT  ATGAGACTTC  CCAGCCCAAA  CCAGGGAGAC  ACTTTCTCCA
608251   ACAAAGCCAC  ACCTACTCCA  ACAAGGCTAC  AGCTCTCAAT  AGTAGTGCCA
608301   TCCCTATGAG  CCTATGGGAT  CATTTTCATT  CAAACTACAA  CACCTGGGGT
608351   GGATCTCTTT  TTGGGTGATA  TCAGTCCTGC  AAGAAGGAGG  GGAGATAAGC
608401   CAGAGAAAAG  AGAGAAAGGA  ATGCAACCAG  AGACCAGCTT  GTGTACTAGA
608451   CAGAAGAAGA  GAAAGGGGCT  TAAACTGGGG  AACTAAAAAA  AGGCTCTCTA
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608551   TAGGGACAA   TAGAAGACCA  TGTGAAACGT  GGGCTCCATC  CTGGGACGTC
608601   TCAGCTACAA  GTAGCACAGT  CAGATTCATT  AGCAGGAAGA  GACAATTGTG
608651   GATGATCTAT  CCCTGGAGAA  GATAAGCCCC  ATGGGGCAGG  AACCTTGAAA
608701   AGTTTGTTGC  TGTGCATAGC  ATTGTATCTA  GCCCAGTATG  TCAGTGGATT
608751   TTTAGGGAGT  AGATGGACAG  GTGAATGGTA  ATGAATGGAG  AGGAAAGTAA
608801   AGAACTGAAA  TTCTTGGTTC  CTAAAGAGTG  GCTAATAGAA  AAGCCATCGA
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204

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608851  GGTGGTCCAG  ACAAGAGAGA  CTAAGAGAAG  GTACTCGAGG  CGAATGGATG
608901  CAAAGTGGAC  ATCTAGGGAT  GTCCAGGAGG  CTCAAAAGAG  GATTCATGAG
608951  TCTGCTAAGA  TGGAAAAGAC  TTGGGAGAGT  TAAGGTGATG  GTGGGCGCCT
609001  CCTAGAATGT  TATCACACTG  GAGCTGTTTG  AGTTGCTTGT  GAGCAGCAAA
609051  GTTACTATTG  GATAATGTAT  AGCATGGTAA  AATTTATTGC  TTATAGTTCC
609101  AGAGGCAGGG  GATCCTAGAT  GAGGGCATCA  GACAATTCAG  TGTATGGTGA
609151  AGGCTTTCTC  TCTCTCTCTC  TCTCTCTCTC  TCTCACTCTC  TCTCTCTCTC
609201  TCTCTCTCTC  TTTCTGTCTC  TCTCTGTCTC  TCTCTCTGTC  TGTCTCTCTC
609251  TGTCTCTCTC  TCTCTCTGTG  TCTCTCTCTG  TCTCTGTCTC  TCTGTCTCTG
609301  TCTCTGTCTC  TCTCTCTGTC  TCTCTCTCTC  TCTCTCTCTC  TCTCTCTGCT
609351  TCAGAGATGA  TGCCCAATCC  TCCCTTATAA  GGACACCAAT  CCCATCCATG
609401  AGGTGTTAAA  TCATGAGTCC  TCATGATTTA  ACTACTTCCT  GAAGGCTCCA
609451  CCTCATGATA  TTATCAAATC  GAGTGTTGAG  TTCCCAAATA  AAAATGTTGA
609501  TATACCAAAC  AGCAAGCCTA  GAGTGCTCAG  TTGAGCCTTC  TTCCCTCAAG
609551  AGGGAACTGG  ATACACAAAG  CCAGAGTCAC  AAGCTAAAAA  TGTCCCTTGA
609601  AATCACTGGA  TCTAGATACT  TTAAAACTGC  ATCAGTTTTC  TACTTTGTCA
609651  CCACTGTACT  GTCTTTCAAA  TGCACTTCTG  GTGAAATTGG  GTCATTAAAG
609701  ATGCAGATCT  TGCTCACGTA  TAAAATATCA  CTCTAAGTAT  CCAAGACAGA
609751  CTTAGAAAGC  TTGGCTGAAT  GCAACAAGCT  CAGGTATCTA  TTCTTTGTGC
609801  TCAGCTGTCT  AAAGCAATGG  ATGAAACTTA  GTTTGTGGGT  TCTCTATCTG
609851  TCTCTCTCTG  CCTCTCTGTC  TCTGTCTCTC  TGTCTCTGTC  TCTCTCTGTA
609901  TATGTAGCAA  ATCCTCCTGC  TTTAGCCTCC  TCAGTGTTAG  AACATATATA
609951  TGTGTACACA  CACACACACA  CACACACATT  TCTAGACATG  ATCCATCATG
610001  TCTACATTCC  TGGCCTATTT  GGGCTGGTCT  TACCTCTCCT  GTCAAGTCTT
610051  GTTTTCCATA  TACTTTGAAA  CAGTGGAGAA  AGGTCACCTC  TCCCATACAC
610101  CTTCCTAGTC  TCTCTGCCAC  ACCTTTGGTT  TTCCAGAAGC  ACCTCTGTCT
610151  TGTACCTAAA  TTCTACATGG  AGTTCAACCT  CCGCACAACA  TGGTATCCCC
610201  TTGACTTCTG  TTTCTTCTTC  ACCTTGGCTA  TTTTACCTCC  TCTAGAACTG
610251  TAAGTGCTTC  CAGAGGAGAG  GCTGTGAATA  TTCATTTCCC  TGGGAAATTT
610301  CCAACATGTT  GTGCACGGTT  GGTGCTCAGT  AAAACCTGAC  TTCTTGGGCA
610351  CCCTCCCTGG  GCCCTTGTCA  GTTCTATGGG  AATGCATTTT  CGCTGGGAGT
610401  CCCTCAGTAC  TAAATGGCCA  TGTGTGCGTT  CCACTAACAT  GCGTCAAGTG
610451  TCTGTGCAGA  TGCTCCTGCC  GAGAGGTCGT  GTCAGCCCTC  CAGACCTCCT
610501  TGTCTTTAAA  ACAAAGATT  ATCATTTCAC  ATAAGCCCAC  TTTGCGTGAG
610551  CAGAATGCTG  GGTGGAATTC  CAGCCACACA  GAGAATCAAA  GGAGTTCCTT
610601  GTGCTGGAAG  AGAGGCATCT  CCACGCAAGG  ATCCTTAGAG  TTTGTGAACA
610651  GCGCACTAAT  ACAATGCCAG  GAAGGAACAT  AGGGACGATG  TCTACAAAGT
610701  CAGGCCAACT  TCTCACAATG  TCAAGACTCC  CATTTAACAA  GCCTCATGAA
610751  TTCCTACAAG  TAAGAAGATA  TTATTTCCTC  TGTATTAGTG  CTGGTCCTTG
610801  CTTAGACATA  ATAGGACCAC  AGTGATGTTG  CTGTGGACCA  CGGTACCCAA
610851  AGGATGGTCT  GTGTGCTCAT  TATGTTGGGA  GGGGCGTTAC  AATATTCAGG
610901  TTCTGAGACC  AGCCTCAGGT  CTGCAGAGTC  ATGGTGGCTT  AGAATACAGC
610951  TCTGGTGTTG  ATATTTCCCT  AAAGCCTTTC  TGATTCTGAC  CAACAGCTGG
611001  GTTTGATTTC  CTGCTGCCTC  AGATCCAGCA  TTGGGGTTTA  AGGAGGTACC
611051  GAAAGCAGCA  TTTCTCTACT  GCTGACTTAG  CATAGGTTTT  ACCCCTCCCC
611101  CCATTTATT  CTATTGGAGT  TTTCCAACCA  ACAGATAAGG  TTTTCAGAAG
611151  CAAACCAGAA  CACCTTCACT  TGACAGTAGG  TGACTCCAAG  GAGATCATTG
611201  GGCCTCACCC  CAGGGTACGG  CGTTCAGGGT  TTCTTAGGTA  AATATTTACT
611251  GAGTGTGGAT  GGCTCTGAAG  GTGCAGGGTT  TCTTTTCCGG  TGCTGGCATT
611301  CATATTCCAG  GCACTTCTTG  CTCGGTGACT  TGTTTTATTC  TCATGCCTTG
611351  GCCAATTACA  AGCTGAGGTA  GTGATCCCAG  CGAGAGCATG  GGATGTAAAT
611401  GGGCTGTAAA  ATGGCTTTTC  CTGGTGATTA  TCTGTGGGAG  CCTTGGAGCT
611451  AGCATCAGGC  TCAGTCTGTT  TGGAGGCTTA  TGCTGTGCAC  TGCGGCTGCC
611501  TGACATGAAT  GGCCCATGGG  GAAGGAGCCA  CACACTGATT  GAAATGTTGA
611551  TGAACAGCTG  GCACACCCGT  GCCCTCTGTG  TAGAAAAGGC  AAGAATATTT
611601  CTTTCTTCCT  TTTGCATCTC  CAGCTATGCT  TGACTATGGC  GGGGACCCAC
611651  GATGAATGCC  TTTTCCCTTC  CCTTTCTTTT  CCTCCAGATG  TCTTAGTTGT
611701  CAATGCGACC  TTCTCCTTTC  CGTCTTGGAA  CTTATCAGAA  AGATTCAACT
611751  TCACCAACTG  TGCGTCATTA  AAAGAGTAAG  ATTGGCTTTG  ACTTTTAAAT
611801  GTTCTCATTG  CTTTTAAATT  TATTTGTTTT  GCTCCTCGAT  TTCCTAAAGA
611851  ACTCCTTTGC  GAACTAGAAC  TTTCCAAAGT  GCCTTTTGGA  GCATGGCCTA
611901  ACGGGAGCTA  GGAGAGCCAC  GGCGGTAATA  AACCGTGCTC  ACTCGTTCAA
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205

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611951   GCCCTAACAA  GAAAACTGGA  GCAGCCTCAG  AGAGCATGCG  CCAAGGTGTC
612001   CCTATCAACA  GGGAAAGGTA  TTTTCCCCAG  ACCTGGAGGA  TCCCTGAAGA
612051   AAGGATCAGT  AAGGAATACC  ACTAACTCCC  ATAATGCAAA  TGGCTCTGGG
612101   AGTTTGGACA  GAGCAGTAAG  ACTTGCGAAT  GAGGACAAGT  TGAAGTCTCC
612151   TTCACCAAAA  AGGCATATCC  ATTTTGCTTT  CTCTCTGTGG  TGCTAGGGAA
612201   CTGGACTTGT  GGGCCTTGAG  CATGCTAAGC  AAGTCTACCA  CTTAGTGACC
612251   CCAGCCCTGT  GTCTTCCATT  TATTTACTAT  TGGCCCCAAT  TCAGCTATGG
612301   ACCCTTTGAA  TTTGGACTAC  AGCTCCCTCT  TGGCTCCTAA  AGCAGAGAAA
612351   AGGCAGAGGA  AATAGTCTCT  TCAGAGGCCC  ATCCTCTGCA  GCTGGGACAG
612401   AGGACACTGG  TGGGCTGTAT  TACCAGAGGT  GTGTTATCCA  TTCTGGGATG
612451   TGATTGGACA  TCAGCATAGG  AGAACAGCTT  CCAGCCTGGC  CCGGAAGTCA
612501   CTATAGGAAA  AAGTGAAGTC  AGATGGTGTT  AAGTTACCTT  TTCCAAAGAG
612551   GTGCATTGCA  AGGCCACAGA  GAGTCATTGC  TGTCTAAGAA  GCAGAGCGAA
612601   GTTAGGGAAG  AAAAATAGAA  CTCCAACCCA  GGTAAAAGGA  AGAGAGAATG
612651   AAGTAGAAAT  TAGGGGTGCA  AGGACAGTTT  AAAGATGTCT  TGCTGTAGAT
612701   CCCCTGCTCT  AGAGCCCAGG  TAGAAGGAAA  TGACATACCC  CAGGGTCCCA
612751   ATGCTAGGTA  TATACCAGCA  CTCAGAGCCA  GATCCACCAG  CCTAGAGAGC
612801   TCCTTTTCAG  GGAACTCCTT  GGGGAACAGG  CTTCCTCCCT  GATATGTAGT
612851   CTGTTTTCTG  CCCTCAGGGA  ACTTCTTTCT  GTCTGTTAGG  ATCTCCGGAG
612901   CATATATGAA  CTCCAGGCCA  AGTGTACTCC  CTCTGTCCGG  TTTCCTCATC
612951   ACCTCCTGCT  AAGTTTTCTT  GAGGCATCCC  TTGGACAGCT  CTCCAGACCA
613001   GCCCCGATCT  TTCTTCTATT  AATAATGTCT  CTCCCTGATC  TCCAATCATT
613051   CCTTATGCAT  GGAGGGCATT  CTCAGGCTCT  CCACAGTCAC  CCACGCACAA
613101   ATGCCTCCTT  TGATTCTCAG  GTCCAACTCT  TCCTTTGGTT  GTAAAGCAAA
613151   CAGTGGTGCC  CCATCCTCTC  TGCCTGCCAG  GAAATGCTTT  GTGTCTCACA
613201   CCGTGTTGTG  GGCAGCACAG  CTGCTCCAGA  CAGCGCGGGC  TCTGCTGATC
613251   CGTTGAGTGG  CAGCCGGGAG  AGAAAGATCT  CACTTTATGG  AGGCTTACCT
613301   GAGGGTAGGC  AAATAGCAAC  CAGGTTCAGA  ATCGGATTCA  GTGGGTTCCT
613351   GTTATCAACA  GACCAGCGGG  TGACCCCAGC  TTCAGGTCTC  CATGGCAACA
613401   CCTCTGTAAG  TGTGATGACA  ATCCATCAAC  TCACAGGGCT  TCCCAGAGAA
613451   ACACATAAAG  CCTTGCTCGC  TTCTCCAACC  TCAAAGGAAA  TCCTTCCTCC
613501   CTTTGTCCCC  CTAGCTAGTC  AAAGACTTTA  TTATTAATAG  TAGTATCATT
613551   CCTGTATGTT  CTCAACCTGT  AGCGCCACCG  AGGGAAGTTT  CTAGAATATG
613601   AATAATTCCC  TCAAAGTACA  GAAATTAAGT  TGTTTATTTT  CCGTGTCACC
613651   AGATGCCCGG  CGTGTATCAG  AAGCGGCTGT  GCTTGGTGTA  AACGGGACAA
613701   GAAATGCATC  CACCCCTTCA  CCCCCTGCGA  ACCATCAGAC  TATGAGAGGA
613751   ATCAGGTAAA  GTGACATTTC  GAAATATGAC  AGAGATCTAT  CGGAAGCAAG
613801   TGCCTGCGTG  CGCACAGCCC  CACCCCTTTC  TGTGTGTCAC  ACTCCCATGC
613851   TGAGGGGATG  TTCTCCAATG  CAGGAGCTCT  GTCAAGTTGC  TGTGGAGAAG
613901   TCGCCCAAGG  ACTCAGGAGG  AGGAAGAGTC  AAGGAGAGCA  AGAGAAACAG
613951   AACTGACGGG  GCTGTGCAGG  TCAGGCTCAA  CTTTGGTGCT  GGTAATGGAA
614001   AGACAATCCC  CTTTTGATGG  CAATAACAAC  TCTTACTACT  TTGGGTTTCT
614051   GTTGTAAAAT  TCCCCATCTT  ATAACCTCAG  TCCCTCCTCC  CCCACACACA
614101   CTTTTTTTTT  TTTAGTTCAT  TTTTAAACCA  AGTTTCACAT  AATTGGCTCA
614151   ATACATCAAA  GGCTTTCACA  TTCACATAAG  AGAAATTAAA  ACTTTGTAAT
614201   TGTGAAAAAT  GATGCGGTTC  CAGTAGAAGT  GGAATTGTAA  AGGTGACTTT
614251   GTGGCTCACT  GGGGAAAGTA  CAACGGACAG  CTGAGCTGAC  CTCAGTTCCA
614301   ACCAGATACT  CTGACTTCAC  TAATGACCAG  CACTGTGTGT  GTGGTTAGGG
614351   ATCTATGCAA  AATAAGCAAA  CTGACCTTGC  TTATTTTTTG  ATTTGATTTA
614401   TGGAGTTGAT  TGACCCATC  ATTAATAACA  TCAAGATAGA  ACAGCTGAAG
614451   AATATGTGCC  TCCCTCCCTT  GTCTCAAAAG  TGGCGGAGGT  TTTTTTCCCA
614501   TGAAAGTTTC  CTGGAAAATT  CTCTTGCTTT  GTCTTCACAG  TTATAATTAC
614551   CACAGCCTAG  ATATCAGTCA  TATACAAAAA  GATGGTCTGA  GACCATGTGA
614601   ATATTTCCGC  ACAGGACACA  TGTAACTCTG  TTTAGTTCCG  TACTGGCTCC
614651   CTCCAGTTGC  TAGAAGTTCA  TTAATTGTTT  ACATGTGGTA  ACACACACAC
614701   ACACACAC  ACACACAC  ACACACAC  ACACACAC  AGAGTGGACA
614751   GGTTCCCTCC  CTCATTCTCT  TTCGACTCTG  TCAAATTAAG  ATCAGCACTG
614801   GAAGAAATTC  CAAGGGCCCA  GCTTTCTACT  CTCTGACCAG  GCTGGGGCTC
614851   TGATTTAGCC  ATTTGCTGCT  ACTTAAGGTC  AAGTGTCAAC  ACCAATAAGG
614901   AGCACATTTT  CAATCATTAC  TGAAAGTTG  ATAGTAACTT  TAGGTGAATT
614951   AAGTAACAGG  CTGAGGGCCT  GTGAACCCAA  ATGGATTATA  AAGTTAATTA
615001   AAGCATTAGT  GAACCTTGGT  GTGCCAATAT  CTCCGGCCTT  TGAGTCTCTG
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206

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615051  AGACTTAATT  AAGTGGTGGG  CTGCTCCTCT  GGTCTCCGTG  GTTTGTAAAA
615101  AATGAAGATG  CAGTGACAGG  AGCTTGGATG  GAGAAGTGAG  AAGCTTGGTG
615151  GTGGTGGCTT  TCAGTTTTGG  TAAACTGCAG  GGACCATGAG  ATTTACCATC
615201  TTCACTATTT  TTAGTGTGCA  CTTCCGTAAT  GTAAGTATTC  CTTCACCCTG
615251  CATGTACAGC  CAGTCACTGC  AATACTTTTC  ATCGTGCCAG  ACTGAAACTC
615301  AATACTCATT  TAGTAACTCC  TCCCCCCGCC  CCGGCCCCGC  CCTCATCCCA
615351  CCCCGGCCCC  GCCCTCACCC  TGCCCCCAGA  CTCTTGTAAA  CCCCTATTCT
615401  ATTCTAACCC  CTATTCTATC  TTCACCTTGT  GTGAGGGGTT  TGCCTCTTGT
615451  GACAGGCTTA  CTTTATCATT  GTGCCCTCCA  GGCTCACTGT  GTTGTGGCAC
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615551  ATAGAACACA  TTTTATTTAT  ACATTCCCCC  AACCACAGGC  TCTCAGTTTG
615601  CTTTCACCAT  TTAGGCATTA  GGACAAGCCC  AGTTAGAAAC  ACCGGCATAC
615651  AACTGACTCT  TAGAGCCACC  CTGTTTAGTT  CTTTTACTAAG TGCCACCATC
615701  GTTAAGACTC  CTGGATCACA  CTGTAATTCT  TTTTACTAAG  TGCCACCATC
615751  CTGTCTTGCA  CGGTACTCTG  TCTAGCCAAG  GGTTCTACTA  ACAGGGTTCA
615801  AGGGTTTCTG  TCTCTCGAAT  TCTCACGGAC  CTTTTCCTGT  TTTGTTTGGT
615851  TTGGTCTGGT  CACTACTGTA  CTCACAGATG  TGAGCAGCAG  CCTCACTGAC
615901  TTTGTTGTC  TGCTCCATGC  GCTTTCTGAC  TCCTTTTCAT  TTGCTTGTTC
615951  ACTGGCTGAA  GTCCTCTGCT  AAACTCCTTC  CCATTGACTT  GACTGGTTAA
616001  CTTGTTTTCT  TCCTTTGGGC  ACAAGAAGTA  TATTCTAGGG  ATTAGCCAGA
616051  TACAACATTT  GAAAGTATTC  CTCTCCTATT  CTGTTATCTT  TCAACTCTGT
616101  TGAATGTGTG  TGTGTGTGTG  TGTGTGTGTG  TGTGAGAGAG  AGAGAGAGAG
616151  AGAGAGAG  AGAGAGAGGG  AGAGAGAGAG  AGAGAGAGTA  TGAGAGAGTA
616201  TGTGTGTATG  TCTGATGTGT  ACATGTGTGT  TTAAATATGT  ATGTGTGTGT
616251  ATATATATAT  ATATATCTGT  ATATGTATAA  ATATATATAT  GTGTGTGTGT
616301  GTGTGTGTGT  GCATGATCAT  ATGTGTGTGT  TGCAACATCC  CAAACCCACA
616351  GCCTCACACA  CACCAGACAA  GTACTCTACA  TTAAGTTATA  TCCCTGAACT
616401  AGTCATGTTC  TTTGATACAT  AGAACTTTTA  ATTTCAGTGA  AGTCCAATTT
616451  GCCTATTTTT  TTTTTCTGTT  GTTTCTTGTG  CTTTGGGGGG  CAGGCTCAGG
616501  AGATGACTAC  TAAACCCTAA  TGTTGTGAAG  CCTTTCAAAC  TTCCATTTTC
616551  CTCTTTGAGT  TTTAACTCAT  CTGTGCACAC  CTTGCCCACT  GGAGTCCGTT
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616651  TTTCCAGCAC  CATTCCTTGA  ACACTCTCTC  CCTGGGTCAG  TGGTTATAGC
616701  ATCCTCACTG  AGAACCCCAT  GGGCTTGCAT  GCAAGTCTTT  ATTCCTGAGG
616751  TTCCTCCCTG  TCCCAGTGCT  CTGAGCACCC  GTCTTCACAT  GAGTACTATA
616801  CCATCTATGT  TTATACTGGT  TTTTTTTTTA  AGTCTGTTTT  TGGAACCAGT
616851  ATCTTCCAAG  TTCTCTCTTG  TCTTCGATTG  TTTCATAAGA  AAACAACACG
616901  TAAAATTTTC  ACTCTGTTTT  CCTCTGATAG  TACCACCTAT  AGCTGAAGAT
616951  TAGCCCTGCT  AATGATGTCA  AAGGTCAAGG  TATAGGATGC  TCATTACCAC
617001  AGGCCACCCC  AGGCTGCCAT  TTTATAGCTC  CATCTACTGT  CTCCTGCCCC
617051  CACCAGCCCT  GGAGCCCCAC  ACCACTAACA  TGTTCTCCAT  TTCTATAGTC
617101  TGGTCGCTTC  TAAAATTTTA  TGTAAATAGA  ATCGTCTGGA  TGTCCCCTTT
617151  GGGAGATTAG  TTTTTTTTAT  TAAATTTGTT  TTTATGGATA  TATAAAAACA
617201  GAAATTATAC  ATATTAATGG  GGTACCATGT  GATGCAATTG  GATGGAAATT
617251  CAGCCGAGTT  CTTGTATAGC  AGTCTGGGCA  GTGCTTTATA  AATATCTTAA
617301  AGAGAAGGGT  GACATAGTCA  TAGCACCCTG  ACTTCTTGTA  CCTTCTAAAC
617351  TGTGATACTG  TGGTTTAAAA  AGTAGCGTCA  CCAAGAAAGA  AAGGTAGGTC
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617451  TATGTTTGGA  GAAAGGCATG  TTGCTGAGAC  TGAAACATTA  ACTTTACGTA
617501  CGTGTGACTC  AGAGCAGAAT  CTCAAGTTTG  GTTGGTAGGG  AATGGTATGC
617551  CACCTGGCAC  AGGAGAGATT  TCCTGTGCTC  TCTCTGTGAA  AGGCCACTGT
617601  CTTTCATTAT  CACATGAACA  TGAAACTTTC  TGGTTTGCAC  GGTTGGTTCT
617651  CACGTCAAGT  TTGTGTAGTA  GACCCAACAG  TTGAGGCAGA  GAAGCCACCA
617701  AGAGCTTTTC  TTGAATTCAT  CTGCCCACAT  CACCTCAGCA  CCAAATGCTT
617751  CCTGTGTGCT  GGGCACCATC  TGAGGCTCAG  AGATGCTGAG  CTAGAGTCAG
617801  TGCTTCCTAC  AGGAAGCGCT  GAAGCATCTG  CTATATGATG  TCATGCTGAA
617851  CTCCATGGAT  ACTGCACGCA  ATATACAAAT  GAGTTAATCC  TCTCTCAGGA
617901  CATCAGCCCT  GAGACTCTTT  TCCATGAGAA  CACCCATAGC  AGTACAAGAT
617951  TTATATAATA  CGTATATGTA  TGTATAAGCA  GAACCTGAAA  GTACAAAAAC
618001  TCAAAGCCTT  GCTATGCACA  GAGTCTTAGC  TCTTAGTTTT  TCTTGTTTAT
618051  TTAAGCCCAG  TACCTGATGG  TTAAGCACAA  TCAGTGTGGT  TGGTTAAGTC
618101  TTTGATGGAT  GCATTGATGG  AAAGGACTTT  TCAGCTTACC  TTAGAGGGAC
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618151   AAGAAATACC   TAGGCTCAAC   AAGACAGAGG   AGTGAATATT   CTTCATGAAG
618201   CAACTGCCAT   AAATAAGTGT   AGTCATGGCC   GGAAAATCCA   GGAGACCTCA
618251   GTAGTTCAGT   TTGTCTTGGC   AGCAGAGGCA   GGGGACAAAT   GATAGCATAG
618301   AAGGGTGAAC   AAGCTGGAGC   CTGTGTGTGC   TGGGATGTAT   ACCTTTGGGG
618351   ATTTTTGTCT   TGCTTCTTCA   GTGGCAATGC   AAAGCTTTTC   ACTACATCTA
618401   TTTTAGTATC   AATTTGATCA   TCTGAGAATG   TGGTGCTCAA   AAGGGAGGAC
618451   TCCTGGTTCA   ATCCCAGGAC   AGTCGGCTTC   ACATTCTCAT   GATCCTAAGA
618501   CTTACTTGAT   CCAGGATACT   GTGGTGGTTT   GAATATGCTT   GGCCCATGGG
618551   AAGTGGCACT   ACCTTGTTAG   AGTAGGTGTG   GCCTTGTTGG   GAGAAGTGTG
618601   TCACTGTGTA   GGCGGACTTT   GAGGGCTTCT   AGTGCTCAAG   CCCCAACCAG
618651   TGTGGAAGAG   ACAGTCTCCT   CCTGCTTGAC   TTCAGATCAG   GATGTAGAAC
618701   TCTCAGCCCC   CTTTCCAGCA   CCATGCTGC   CTGGACACTG   CCATACTTCC
618751   CACCATGATG   ATAATGAACT   GAACCTCTAA   AAGTGTAAGC   CAGCCCCCTT
618801   TCATTGTTGT   CCTTTATAAA   AGTTGCCTTG   GTCATGGTGT   CTCTTCACAG
618851   CAATGGAAAC   CCTAAGACAG   ATACCCTGAT   CCAGGAACAC   CAGCCCTAAT
618901   TTGTCAGGAG   ACTGAAGCAA   AGAAAAGCAT   AGGCCCAGTA   AAGAAGCCCC
618951   AGATTTCATC   TGGCCTAGAA   CGAGGGCAGC   CATCTGCTGT   AAGACCAATC
619001   TTGATCTCTG   CTTTCCTGAA   GCCATGAGAC   GGCAAGTTCT   GTCATCTGAC
619051   TGGGTGACCA   TCTTTCCTTT   CATTCCCTAA   CCGTCTTTCA   TCTGGTGCCC
619101   TTACCCAATG   AGGGAAGCTG   TAGCTGCCCT   CCTGCCCACA   GGGAAGGCTG
619151   TAATGATATG   TGGTGAATTG   TAGATGTTGT   CTGGTTATGG   TTTTTTGTTT
619201   TGTTGGTTGG   CTGGTTAGGT   TTTTTTTTGT   TGTTGTTGTT   GTTGATTTTG
619251   GTTTGGGGGG   GTATTTGTTT   TGTTTTTGTT   TTATTCAAGA   CAGTGTCTCA
619301   TTATGTAGCT   CTGGCTGTCA   CTGTGTAGAC   TAGGAACTCA   ATATGTAAGT
619351   AAAGTGGCCT   CAGACTCAGA   GATCCAACTG   CTTCTGCCTC   CAGAGTGCTG
619401   GGACTAAAGA   GATGAACCAC   CATGCTTGGC   CTCTTTGGCC   ATACTCATAA
619451   TTCCTCGCAA   TATGTTTATC   ACTATAGGGA   GGAAATCAAC   CATGTCAAGC
619501   TATGTCTCTG   CTTCCCTCCA   TGACTTTTCA   ATGTGTGCTT   TAATTTCTCA
619551   TATAGACAGT   ACCAAATGGA   CCCTTTCAAG   AACCTTGCCT   TCAGAAGGAA
619601   AATTAAATTT   AACACAGACT   TTTGTTGGTT   TGTTTATGAG   TAGCTTCTAT
619651   GGGCCTAGCA   CTGTTCTGCA   TTGAGTTCAT   TCACAGGATA   TTTGTTGAGC
619701   AGCAATTGTG   TGTGTGTTGG   GCAGGCACAA   TACAGACCCA   CATGGAGTTT
619751   GCACTGTCAA   ACTTAGAATG   TTTTGGAATG   AGGAAGTGAG   ATTCTTCGTT
619801   ATAAAAAGAG   TCAAACACTC   ATAACGGGAA   TAGAAGCCAA   AAAGAATGTC
619851   AGCGTGGACT   GAGTTGACTA   GTGGCAGCTA   ATCTTTATCA   GACCCTTGCC
619901   ATATCCTGAA   CTCAGTGTCT   GTTAATCTAA   GCTTCACAAT   GCCACATTTT
619951   ACAGGCATGG   AAGTTTTACC   TCAAAACCAA   AATGTAGATA   AGAAATTTGA
620001   ACCCAGGTAT   CTGGATAGAG   AATTTTCAGT   TTTAACTACC   ACCCTACCTT
620051   AAATGACCTA   AACTGAATAA   GTGTTAAGCC   ACATAATATT   ATTGCTAAAA
620101   CCCTCTCTGG   AAGGGAGGAA   ACTCTTAAAG   ATAATGCAGG   CTTTTCTCAG
620151   GATTAGACTA   TAACAGTCTG   TCCCATCTGT   GCGTCAGGCA   GACGGGAGCT
620201   TATTCTCATG   GGAGACGGGG   AGGGAGAGGG   GCATCTCAGG   GTGAGGGCTA
620251   TGAGAAGAA   TGAGCCCCAG   GATGGGCCAG   GATGGCCAAA   ACAAGAGTGA
620301   GTCAACAAAA   ATCCAGTGTT   CAAACTGAGT   CTTGGGAGAA   GGTGTGTTAG
620351   AAGCAGGGTT   AAGAACTATG   TTCTCTGGTC   TCAGCATCCT   GATCCTTCAG
620401   GCCTGATCTG   AGGGGCTACA   TTCAGGATGA   ATGGCCAAGA   GTAAGTTAGG
620451   GGGTAGCCTT   GGCAGCTCCA   CCATGGGTTG   TGTCAGCCTC   ATCTTAGAGT
620501   TAGTCCCCAG   GTCACAGAAG   CAAGTCTTAA   TCTCTCAGAA   GAGAGCATGG
620551   ATCTCTGAAA   GTTTCCCACC   TAAGTCCTGA   GGCCCTGATG   ACCTTTGGCA
620601   GTTCCCAGTT   CCCTGTTCCA   TCCCAAGTTC   TCTTTTGCTG   TACTGGGACT
620651   CCTATGAAGG   GCTATCTCCT   TAGGGGACTG   AGCATCAAAT   ACATCGTGAG
620701   GTGTTCATTG   AACTCTCCCA   TTATTCTTTG   ATGGGATTGT   ATTCTGCTCT
620751   TTTCTTTCCA   TATCACATTC   CCTTTTACAC   TTTCCCGTCT   CCACGGCTGG
620801   TCACCACACC   GCTCACTTTG   TACATATGAT   TAATATATTA   CATCTGTCCT
620851   CTTCTCGGCC   ATTAATGAAG   ATGTTAAATA   ATTCTAAGCC   AAATACTCAC
620901   CCCCGTGGGG   CCCCACAGGA   CACTTTCGTT   TAATTAGTTG   TATTACCTTT
620951   CATCTCTCTC   ATGTCCTTTG   ACTTCAGATG   TCCTGCTGAT   TTTGAAGCCA
621001   TGTGACTTTT   CATCCTGTCC   TGTTTGAACT   AATTTCATGA   GTGAAAATCT
621051   GAGAGATGTT   TTACCAAGTG   TTGACTTGGG   TCCAGACCTA   CAGAGAGCTT
621101   CACTATGTTC   TGATTTTTTT   TCCCCTAACA   GATTAATAGA   GTATAGTTTG
621151   TTCTTAATAA   ACTGAGCCTT   CTTAATGGAC   CTCTTTCCAA   TAGTCTTTTC
621201   TCTAAAAATG   TCATGGCAAT   TTGAGTTATG   TTGGTGTCAG   ACGTCACGCA
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208

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621251   AGGTGAGCCG   TAGTTAGGAT   TTCTATTGCT   GCAATACAAT   ACTAAAGTGA
621301   CTAAAAGCAA   GCTGAGGAAG   AAAGGGCTTA   TTTGGCCTAC   ACTTCCAGGA
621351   CACTGTTAGT   CATTGAAGGA   AGTCAGGACA   GTAACTCAAG   CAGGGCACTC
621401   CACTACCTGG   CGGCAAAAGC   TGATGCAGAG   GGCATGAAGG   GGTGCTGCTT
621451   ACTGGCTTGC   TCCTCATGGC   TTGCTCAACC   TGCTTTCTTA   CAGATGCCAG
621501   GACCACCAGC   CCAGGGATTG   CATGACCCAC   CATGGGCTGG   GTGCTCCCCC
621551   ATCAATCGCT   AGTTAAGAAA   ACGCTCTACA   GCTGGATCTT   ATTTAGGCAG
621601   TTTCTAAATT   GAGGTTCCCT   CCTGTCAGGT   AATTCTAGCG   TGTGTCAAGT
621651   TGACATAAGA   CCAGCAAGTA   CAAGTTGCTT   GTGCCTTCAG   AGTTGATCCT
621701   CTCAGACGTT   TTCAAGGAGA   ACTGTTACAG   GTGGTTATAC   ACTTTCCAAT
621751   ATCTTATAAC   GGCTTAGTTT   TTTGAAAAAA   AGAAAGAAA   AGAAAAATAA
621801   ACAGGCATCC   TGCAAACTGC   CTGATTAAGT   ACTTTCCAAT   ATGCTATCCT
621851   AATACAAACA   AATGAGAAAC   ACCCCCCCCC   TCTCTCTCTC   TCTCTCTCTT
621901   TCTCTCTTTA   AACAAAATAG   TTAAAATTTA   CCATCACTTA   AAAATAACCC
621951   CTGTCTCTAA   AGTGGAACTC   CCAGGAAGTG   GACAGTTCAG   AGGTTAATGG
622001   GTAGAAGGTG   TTGGGCCAGG   ATGGTTACAG   TCAGTGATGT   CTAGATTTGA
622051   TGCAGGGGAA   CCTTGGATAT   GGAAAGAAGG   AAGACCCTCA   CTATAGGGGT
622101   GAGGAGGCCT   GGCTGTATCC   AGCCCAGTTA   TGGTTTTTAG   CTTGAAGGGT
622151   TGGCTACATC   ATGTCAGGTT   GTAAATTAAC   TTTAAATTAA   AGTATCAAAT
622201   AACATCTAAA   GTATGGAGGG   CAGAAAACAT   TATGGGAAAG   ATTGTTCTCT
622251   GGTCCTTTGT   ATTCATTTTA   TTTTTTAAAA   AGTTAACAAA   TATTAAAGAA
622301   AAAAAACCTT   TTAATGAATC   CTCATATCCA   TGACGTACAG   CTATGTAGCT
622351   GTGCTATCCT   AAATTGTATA   TTTTCACAGT   GGGGTCATGC   CACTGATTGC
622401   TCTTTAGCCT   CCTAACTCTG   AGATTAAAAA   AAAACTCTCC   TGGAAAATAA
622451   AAGAGCTGAT   GCGACCCTCT   TTGGAAGCAA   ACTGCAGGCA   CCTACTTCCA
622501   TAAGAAGCCA   GGCCTAGACT   CGGTCCTCCA   TGGGCAATGT   AAACTCCTCT
622551   AAACAATAAG   ATTGTCAAAC   GAAATGCTTT   TGAGGTTGCA   AGGCTCAAGG
622601   GGAAATAGGA   AGTTAAAAGG   ATATCAGCCT   CCGATGGTGT   TTCTAGAGCC
622651   CTTAAAAGAG   CAAAATGCAC   CTACCTTTGA   AACAACAACT   TTTTTCTTTA
622701   CTAGTTACAA   GGCTCTCTTA   TCTTGTACTA   TGAACAAGAA   GTAGCATGTT
622751   CAAAAGCATG   CTATCCTGTT   TTACTATGGC   AGACAACTAC   AGTATAAGTA
622801   CAAGAAGCAC   CGAGAAAAAG   ACTTGGCTTC   AGAGGACAAA   TAATGGACAG
622851   TTTACAATAG   CGGAGAGGTA   TGACCAGGGA   GCATCGCTCA   GCGGGCAGCA
622901   CACGGGGATG   AGCACAGAAG   TTACAGGCCC   TGAATTCCGA   TCCCCTAAAC
622951   CTAGGGAAAG   CCAAACACAG   GAAAGCCAA   GGGCAATAGC   ATGTATCTGT
623001   AACTCTAGCA   TTCCTAAGGT   GAGATGGGAG   GCAATGCAAC   TTGTACTGGC
623051   TGGTCTTATG   TCAACTTGGC   ATATGCTAGA   ATTATCTGAT   GGAGAGAACC
623101   TCAATTTAGT   CCCATGAGTA   TGTGAAGCAT   CAAACAAGGT   GTAAGGTAAG
623151   GACCAATACC   CTAGGCAGTT   TTCTGACCTC   TAACATACAC   ATACACACAA
623201   ACATATATAT   ATACACACAC   AAACATATAT   ATATACACAC   ACATACACAC
623251   ACACACACAC   ACATATATAT   ATATACACAA   ACATACACAC   ATATACACAC
623301   AACATACACA   CATATACACA   CAAACATACA   CACATATACA   CACAAACATA
623351   TACACACAAA   CATACACACA   TATACACACA   AATATATACA   TACAAACACA
623401   CACATATATA   CACACACAAA   CATACACACA   TATACATACA   CAACATATAC
623451   ATACAGACAA   CATACAAGCG   TGAGTGCACA   AGTTTAAAAA   AAATTTAAAC
623501   ACACACATAT   CTTGCTTCTC   TAATAAGACA   GTGTGCTCTC   TTGTAGAGCA
623551   GGGGATACAG   ATTTTTCTCT   ACAACAGTGG   TTCTAAATCT   TCCTAGTGCC
623601   GTGGCCCTTT   AATATGTTCC   TTATGTGGTG   GTGACACTCA   AACATAAAAT
623651   TATTTCCATT   GCTACCACAT   AACTGTAATT   TGCTGCTGTG   ATGAATTGTA
623701   ATGTAAATAG   TTGTGTTTTC   TGAGGGTCTT   AAGCGACCTC   TGTGAAAGGG
623751   TCCTTTGTCC   TCCAATGGGG   TTGTGACCCA   CAGGTTCAGG   ACTTCCATAC
623801   TGCAAAGAAC   CTGGCAGTGT   GTTTTGAGGC   TGTGCCAGCT   ACACAGTCTC
623851   TGTTGTAATT   AGCTAGAGAT   AATACACATA   CTTCTGGATA   ATGACATGTG
623901   ACATGTGCTG   TTATATGTTT   GAAATTCTAT   TCTCCTTTTG   ACATTTTTTT
623951   CCATAGGACA   TCCAAAAACA   GCAGACAGGA   TTTGACCCTG   GGTCTGAAGT
624001   TTCCTAGCCC   TTGATCTGCC   CCCCACCACA   TACCATGCCT   ACCTTTACCT
624051   AGCAGCTGCT   GGTCTAGTGA   TCAGTAAGTA   CTTGATCACT   TGGCTGTCAC
624101   CTACAAAGCT   AAACAGCAAG   TCTTCTTATA   ACACACACTT   GACATTTGCA
624151   AGGGATTTAT   CTTGAAGTCG   TTGCTAATCC   CCATCCCAAG   TACCACTCTA
624201   GGAGATAATT   CCAACACCAC   CCCCCATAAA   ATGCAGTCAA   GTATAACAGA
624251   ATAATTAAAG   TGACCCTTTC   AGGCACGTAG   TGGTTCAATA   AATAAATACA
624301   GGGCTAACGT   TCTTTTTAAG   GTGATTAAAA   TAAAGTCCAC   CACAGGAATC
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209

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624351   AATTCCCTGA  TGCATTACAT  CATCACCACG  ATGACATTAA  TAATGGATTT
624401   ATCAGAATCT  GCAAAATCAA  TCCACGGTGA  TAATGAGTAG  TGGCTGCTCT
624451   GCCAAATAGC  CCCTGGGTTT  GTCAGGAGAG  CAGGGTGAGA  GGTTGCTCCT
624501   ACCAGGCGGA  TGGTCAGCGT  GGCAGCCGAC  CACATTCTGT  CACCCGGACC
624551   AGCAGGAGAT  GGGCAGGCGC  GAGACATCAC  AGAAGCTGGA  CCAGTGACTC
624601   AGTGTCCTCC  TGATAGACGT  CATCCAACAA  GCAGCTGATC  TCTACATTTG
624651   TGCTTTGGCC  CAGTGTGGCA  TGATGAGGCT  TCTCTGAACT  CTTAGGCCAC
624701   TTTCAAATGG  GAAGAGTGTG  ACTGTGGAGT  CTCTGTATGC  TAAGACCTGC
624751   CATGCTTTAT  GTCAGCCAGA  GTCTTGGAAT  GGAGAGAATC  TACAAAGAA
624801   CCTCCATGAT  CAGAATGGAC  GATGGTAGCA  CTTGGGGAAG  AGGTGCACAA
624851   GGCACCTGGG  TTGTTTTTGT  CTTGCAAGGG  GGGAAACGAG  AGCCCGAAGG
624901   GATGGCTCAG  TGGTTAAGAA  TAATTCTCGC  TCTTGCAGAG  GATCCAGTCC
624951   AAGTTCAAAT  CTCTGCACTA  ATGTCAGATG  TGTCACAACA  GCCTGTCATT
625001   TTAATTCCGG  ACAACACCTT  CCTCTGGCCC  CTGAAGCAGC  TGCTCACACA
625051   TGCATCTAAA  TTAAAATAAA  CCTTTAGAAG  AGAAGGGAGA  TGATTCCTGC
625101   CTCCTCTAGG  ATTTGTAGGG  GAAACTGATT  AGATCTTGCA  AATAGAGGAG
625151   AAGCTCAGAG  AGATGGCCTG  AGTGCTAGGG  AAGTTAGGTA  GCATGTAACT
625201   CCACAGGACT  CAGTTTTGAT  TATAGCCCAG  AGAAAGCGAA  AGACTGGGTC
625251   ACAGAGGTTA  CACGAATGTT  CACAATGCCT  AACTTTTCCA  TACGGGAGTG
625301   GCTCAACATT  CTTAAGACAC  CCTGTCCTCC  GCATTGAAAC  AAACAAACAA
625351   AAAATATGGA  CTCCTTCCTA  GAGAATTAAA  TTCCTCTGTA  TTGACATTTG
625401   TATTGACGGA  ACAATGAGTC  CGTGTGAGCC  TCCGCTGGGG  AGACCACTTC
625451   CCTTCCCTTC  CCTGGGCTTG  AGCATCATGG  GCCTCAGGAG  AGGGAAAGGC
625501   AGGGGGCTCT  TTCTCAACTC  GAATGACAGC  TCACGCCTCA  GATGGAATAT
625551   CCGGGCTCTT  CAACTGTGTT  TTCAACTGTC  TTGTGAGACA  AAGACTAATT
625601   GGTTTGACCC  CATGCTGTCA  CATGTTGAGA  GACACGAATC  TTCAGCCCTC
625651   TTCCTTGAAT  TCATTGATTT  CATTAAATGC  TGTCTGCTTG  TGTTTGCAAA
625701   ATGTAATTTC  CTAGTGAGTT  CTTCGAACCG  CAACACATCA  ACAGATTTCG
625751   TGAAAGTGTG  TGTGTGTGTG  TGTGTGTGTG  TGTGTGTGTG  TGTGTGTGTG
625801   TGTGGACACA  TGTGCACACA  CGAGAGAGAG  AGAGAGAGAG  AGAGAGAGAG
625851   AGAGAGAGAG  AGAGAGAGAG  AGAAACAGTG  CCATTTTGTA  GCTTTGATCT
625901   GCTGTTTTAA  TCTCTTATTT  CCAATAGGTC  TTCTACATTA  AGGCCATTGA
625951   GCCACAAAAA  ATATCAACCT  TAGGGAAAAG  CAATGTGATT  GTTACTGGAG
626001   CAAACTTCAC  CCAGGCGTCA  AATATCACCA  TGATCCTGCG  AGGAACCAGT
626051   ACCTGCGAGA  GGGATGTGTA  AGTTGAAGCA  CTAACAACCG  ATCTTTGGTA
626101   AAGTTAGAAA  CCTACGCTAA  AGCAGTGTTA  GTAGGCCTTG  GTGCTTTCTG
626151   TAGTCAAATG  GCATTTAAGT  ATTTTATACA  TCAAAATTAT  AGTAAGTAAA
626201   TTATAATAAG  TAAAATCTTT  AATGATTCAT  TTGACATTCA  GGTGGGAGAC
626251   TCTGGCCTGT  GTTACATCCT  CAGTCAAAAC  CAGTTTCAGG  ATGTTGCCAG
626301   TGGGAGCCTT  GATTGGCTTT  TAAAGCAGAG  TCAAGTGTAT  GTAGAAGGA
626351   ACTAACTTAG  AATTATAGAC  ATGAACTTTG  GAAACGGATG  GATGGAGAGC
626401   GTGCTACCTG  AAGTTGAAAA  GGAAAAATGG  AAGTAGAAAT  GTTGTTCACT
626451   GTAGCTTTCT  TCTCTCGACT  GGCTTGGTTT  TCATTTCAAA  TAATTAAATT
626501   ACTAGGGCAT  ATAATAGTAG  TTAAAAAAAA  CCCACCCCCA  AACAAATATC
626551   AGATGAAGTA  CCCCTTAAAG  ATAATGATAC  CTGTGGTTCT  TTTTATCCTA
626601   GCAATGAAAA  ACATATCCAG  TGTTTGTTCA  TTAATATTCT  TAGGTGAATG
626651   ATAACACCTT  CCCAGGGGGG  ATAATACTAA  CATTATGTAA  TAATAACACC
626701   GTGACAGATA  ACTTTAGTTT  TCTGCTTGTT  GACTCTTATA  AGTTTGGGTT
626751   AATTTGAAGT  TTAAAAGAAA  ATGTTTCAGT  CTATATGAAC  CATAATACTG
626801   AGCTAATTCT  CCTCATGGAA  ATGCATTTAA  GACAGTCTGC  TGAAGCGTGA
626851   TGTTTTGGTT  TTTTAACTAC  CAAAACAGAC  TTGTACAGTG  CTGTAATCTG
626901   CCATGCCTAT  TTAGTGAACT  TTCTGTTTTA  ATTCACTGGC  TGCACATCGC
626951   TGCATCCCAC  CTCCACTTAC  TGCAGTAAAT  CTGGGATACC  CATGATCTCG
627001   ATGGGGGAAA  GATACCCATC  AGTGGCTTTC  CTCTATACCA  GAGTGAATCA
627051   ACACACATTA  AAGCCTGTAT  CTATGCAACC  TGGGTTGCTT  ATGTGCACCA
627101   TTTATCCTGG  CTAAATACCT  TATAGCAAAG  ATCTTTCATT  TTGTGTGGTG
627151   AAATCTGTGA  CGTTAGACAC  CTGTGCGCTC  AATGAAGGGC  AATCAGCTTC
627201   GCTGCAAAAT  AAGTCGTTTT  TGGAGCATTA  CCCTGTTTCT  GGCTCTTTAT
627251   GCTCTCATTT  CCATTCTGAA  TGTGTCTTGA  GAAGCCACAG  TTATTAAATT
627301   AAATGACTAA  GAGCTCTTTC  TGCATGGAGC  ATTCTACTAA  CCACATCTGC
627351   ATGGTGAACC  CAGGTTCACA  AGCAGGCAAC  GTAATAACGC  AGTTAATCTT
627401   GTACCCGAAT  CCATGGTGAA  ATCCCAAACC  CTGTTCATGG  AAACTTTGTA
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210

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627451   AGTGAATGGC  TATTTTTTTT  TTAAGAGAAA  AAGACAAGCC  TAGTAGCAGA
627501   ATGATCTATA  TCCCCACCCC  TCACCTTCCA  AAGTGTATAA  GCACATTTGT
627551   GTTTTAATGA  TTTGAGCATG  GACTTCCTAG  AGCTTCTCTT  TAGAAGCCTT
627601   AAAGATATAC  ATCTGGGGCA  GGACACATGC  AAACAGACTC  CAGTACCTTT
627651   CAAATTCACT  TTCTTGTAAG  GTGTGGTGAC  GGTACTAGGG  TTAACAACCA
627701   CACACAGAAT  ATCCCTTCAG  TAGTAAAACC  AGACCCTTCT  GTAGCCTCAT
627751   TAAGCTGAGC  AGGTGGCAAA  TACAACTTGA  TCTAAATGTG  TGCTTTACAG
627801   ACTCATAGAC  ATTAGAGTCG  CTGATAGTTT  CAGAGGGGAT  GTCACAGACG
627851   GCTTTGATTT  GATTGATGAG  GGCCATCAGG  AGTGTATAGG  ACAGTCCCAG
627901   CCAATCCCTG  GTCTGGAAGT  CCCTGAGGGG  CACCAGCCTT  GTGTCCTTTG
627951   ATTCTAAGAC  GTCAGGGTTC  CTGAAGCAGG  TTCCCCTCTC  TTTGAAGGGG
628001   AGAATTCCCA  GGTCCGTTTG  GGGGAGGGGG  GGGGTCATAC  TTTCCTGTGC
628051   TTGATTAAAA  CTGCTTCTTC  TTCTTCTTAA  AAAAAGCTT  TTAATTATGG
628101   AAATGACAGC  TCATATATAA  GAAAGATGCA  TATAAATAAG  GCTCTTTATA
628151   AACTTAAAAG  TTTTGGACAT  TCTCCCAATT  TTATTTCATC  TTTTTCTATT
628201   GCTTCTCCCC  CCTTCATGCC  CCCCTCCCCC  ATGGAGGCGG  CAGGGGCAGA
628251   AGACATACAC  TGTGGCTGGA  GTGTCTTCCA  ATCAAATCCT  GGTGCCACGT
628301   TGTTTCGTGG  ACCCGTCAAT  GTGTCTCTGA  CAGAGTAGTG  CCAATGTTAA
628351   CCTTAATTTC  TTCATTTAGT  GTGATGCCCC  TCCTTGCCCT  GGTCCATTAG
628401   GACCTCTGAG  GGCAAAGGAA  GCTGCTTCTT  CATTTTCCCC  TTCTAAGGGG
628451   GAATGCGGAT  CAGAGAGAGA  GACACACAGA  AGAAAGAGGA  ACCCAGCCTT
628501   AGAGAGCCAG  ACCCAACAGG  CGGCCCTTGA  CTAGTCCGCC  TCTCGAAACT
628551   GTTCTTGACC  ATCTTCGAGT  GCAATTCATG  GGTCGTCACC  TTGAGCAATC
628601   AACTGTGCTA  AGTGTCTGTG  TCATGTAAGA  GTTCCTTTCA  TGACCCCTTT
628651   CTAGGATCCG  GGTTAGCCAT  GTGCTAAATG  ACACGCATAT  GAAATTCTCA
628701   CTTCCATCAA  GCCGCAAAGA  AATGAAAGAC  GTTTGCATCC  AGTTTGACGG
628751   TGGGACCTGC  TCGTCTGCAG  GGGCTCTGTC  CTACATTGCT  CTGCCACATT
628801   GTTCCCTGAT  AGTTCCTGCC  ACCACCTGGA  TCAGGTACTG  TCTGGATCCA
628851   CAGAGGGCTT  CTCTTCTTCC  GGTGAAGGGT  GATGTACATA  AGATCATGGC
628901   GATGGTAGTT  GCACCTAAAT  TTTCCTCTTG  GTGTTCCTCC  TAGGAATTAT
628951   TTCTAGAAAA  CTGCTCCTGT  CTGACCACAA  GGACTGTGAG  CATAGCCTGT
629001   TTTTATTTCA  CCATGGCTAC  TAGGAAACTC  ACAGCTCAAA  CGTTTTGTTC
629051   AACCACAATG  ACTGTTCTTA  GCCCAGGTTG  CTGTGGCCTT  CTGTGTCACC
629101   TGCCTTCCCC  ATTCGTGATG  TAAGACTCCC  CACTCACAGG  TTTCACTTGC
629151   TAACTTTTAG  ACTCAGCTGC  TTTGAATGCT  TTGGGGGAAA  TACTGGAGCC
629201   TGCGTGGAGC  CTCTACATTT  CAAAGGTCCT  GTTTGAGGGT  TAAAAAACTC
629251   CAAAATAAAC  TCTTTGAGAT  GAATACAATA  TATTAATGGG  GAAAAATGTC
629301   TCTCTCTAGT  CAAATTTAAA  TTCACATTTA  GGTTCTGGTG  TATAACCCCA
629351   ACGAGATTTT  CTTCATCTCA  CACGAAGTTA  ACTTTTCACG  TACCTTTCGA
629401   GATAAACCA   CAGACAAAGC  AATGAGGGAA  AATAAATTGG  AAGGAAAAAG
629451   AGACAAAACA  TCTCCTGTAC  TCTTACTTGA  GATGACCTTG  GGAAGCAGCT
629501   GGGTTTGCTC  AACTGTGATA  ATAGAAGTCA  GACCGGACAG  CTTAGACAGC
629551   CGAAATGGGA  GTTCCTCCAG  GTTGTACGTC  TCCGAGGTGG  GAGGAAGTTT
629601   AGCCCCTTGC  AAGGCAGCGT  CTTGCAGAGT  TTTCAGGCAG  CTGTCTCTCC
629651   CCTGTCCCTC  CATCTAAGAC  TGTGCCCTAA  GCTTTTTCAG  AATGCCATCA
629701   GTCACTCCAG  TGAATGCCCT  GAATTTCCAT  TACCTCTTTA  ATGACCTTAA
629751   TCTCAGGTAT  GGTTTAGTGG  TAAAATACTG  CCTAGCATTT  GCCTATTCCC
629801   CACCTCCACC  CCCAATCTCT  CTATCTTCAG  CCTTCTTCTG  AGTCAGGGCT
629851   TCCCCATGCA  AACTTTGCAG  CCCATTGGAG  TGGCATAGGG  AAGACTGAGA
629901   TTTCAAAAGC  AAGGCTCTTA  CCTGCAACCC  TCCGCTCTGA  GATTAAGTAT
629951   GCCCTATGTA  TAAGTAGTAA  CCCGGATGTG  GCACTCACCA  CATAGTCATG
630001   GTATAGCTGC  TGACCTGGTT  AAACCTTACA  AAAACTCTGA  GAACCCAACG
630051   GTGGGTTGTC  CCTTTGGCAG  GGGTGAACCA  AGGCACGGCT  GCAGTTCAAG
630101   CAATATACGT  AGCTCCCTGA  GAGCTGGGCC  CAGGATGCGT  GGTTTCTACC
630151   ACAATACTCT  GCTTCCTCCT  CATCAAATGG  CTGCCTGTCA  CCATGATTGT
630201   GCTGAGCCCC  TGAGTCTCAG  TGCTCCTCAT  CCTTGAGCAA  GAAGGAGGAG
630251   GTGCCACCAT  CTGGAATCAG  GAGAAGATGT  TTGGGTTGGT  TTTCTTAAAA
630301   TTGAGGCAGA  TTGTCAAGTG  GCCATACAGT  GTCTGGGGTG  GACCTGCCAC
630351   CCCAGAACAA  GTGTCTGGTG  ACCCATGAGA  ATAACCAGAG  CTGTAGGCAG
630401   CTGTTTCTTT  CACACTGGGT  GACCACTCCG  ATGTTATCTG  GTGACACCTT
630451   GAGACTAGGT  GAAATCACTG  TTTGGTTTTG  GTGAGATTTG  TGTACCTTCC
630501   CCGTACACTG  AAATCCCATA  TCTTAAACAA  GAATACAAAC  TTCTAAGGTC
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211

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630551   ACTCGCCATT TTAGCTTGTC CACCTATCGT GTGTTCCCTG TTTCCCTCTA
630601   AATAAATAAA CTATAAATAA AATATAATTG GTGGGTTAGA GGGTTTGGTC
630651   GTGGAAATTG TGAGAGCGGG TCATCTTCTC ATAGATTAAA CTGTAATCAA
630701   ATGAGATTTT TGTCCCGTGA AATGCTTCCA AGGTACAGCA GATGATCTGG
630751   TTATGTGTGG CGAAAGACCA CAAGAAAGCT CCGATTCTAT TAAAGAATTT
630801   GGGCACTTTC CCAGAACTGA AACGGGGCTG ACCTGTATTT TTTTATATGT
630851   ATGTCTTAGA AACCATGAGT CTGCAGCCAG TACCATTTAA AGACTTCTAA
630901   AATTATCAAC GTCTTTTAAA TTGAAATTGG TTCCTTGTCT CCCAAATATG
630951   ACCGAGCTTA ACATTAATTG TGAATCAGTT AATAGTTTAG TTTGAAATCG
631001   TGAACGCCGG TGGCTCACCC TTGCCCTTCG ATCCCTTGCA GCGGTGGGCA
631051   AAACATAACC ATCATGGGCA GAAATTTTGA CGTCATCGAC AACCTCATCA
631101   TTTCACACGA GCTGAAGGGA AACGCAAATG TGAACATAAA TGTAAGTTAT
631151   ACTAAACTGG GGGGGGGGGG GGCTGGAGGA AGGGTATGTT TCATTTCTAC
631201   GACTTCGGCA TTATAAACTT TTGCTTTCAT GTGATCTATA CTGTCTCTGC
631251   TGTGACGGAA AGATCTCATT CTTGGAGTTA TTTGGGGTTG CCGCATAGAG
631301   GAACCAGAAA AGAATTTCAT GTGTTAAGAC CTGCCACGTT CTCCTCGTGC
631351   GACGCATGTA GCACGTTGCT TTAATCAGAT AACACTTCTG AATAGGTGTG
631401   AAAGTCGTTG TGGATGGTTG GGGTGCTATG TACAGAGCCT GTGACAAGTA
631451   TGTGGTCCAA CAGCACCAAG GGAGGTCGGG GACCTGCTGA AGTAACATTC
631501   CTTCTCTTGT CATTGTCTCT TGGTCCTGTG GCCACTGTCT TCCGCCCCTC
631551   CCCCACTATG CTTCCCCATC CCCAGACTGT GGGAATTGTC TGGTCCCCCT
631601   AAGGGTTTAG TTCTCTGAGA AGAGCCTTGA CGTTCTCACA GGAACCTTCA
631651   GGGTGAAGCC ATGGGTGTCT GTGAGGAGGG GCTAGGTACA CTGTTGCTTA
631701   TATAGGTGCT TCTTGAATGT TCTTCCGTTT CCTTCCTCCT TTTCTCTAGT
631751   GTAAAGGGAA CAGCCATTCT GGGCCTCAAC CTGACCACTT CCTGCCAAAG
631801   CCAGCAGTGC TGAGGGTGGC CAAACACTTT GTCCTACTTG CAACCAGTAG
631851   GTGTTCACGC CTGGAAACGA GTGTAGCGAT CCATCTTTCT TACGGCCTTG
631901   TCCTAGACAC ATGCCCATCC ACTTCTGGCA CACTTCCTGG CCAGTTCCCA
631951   GCCTCACACT GAGTCTGATT CTGGCCATTT TCCCGTGATG GAAGCCTGTT
632001   CAGTTGTGTA GTGGCCCTTG GCCTGAGGGA CAGCCTGAGC CAGGAGACCT
632051   GGAAACACGG TCTCTTTCCC AGAACATGTC CCATTTATTG AGCACCTACT
632101   ATATGCAAAA CCATTTTTTT TTCTGGCTGC AAGAACAAAG AGTAAATGAG
632151   CTTCTGCCCC CACAACACCC AACCCCACCT TCATGAAGGG AGATGGCAGA
632201   CCTGCACTGG CATTGGACAC TGGCAGCATC GTTGGTGACA AGTGCCGGGT
632251   CCTCCCGCTC CTTCCATCTC TCATGAGTCC AAGAAGCCAT GATGTGTTTC
632301   CCAGGGAAAG CATGAGTGGG TAGGGCTGAG ACTAAGCTAA TGGAGTTCAG
632351   TGGAAAAGAC TAGACCAGCA AGCAGGTAAG GAAGCAGGGA GTTGATTGCA
632401   GAGCACAGAA GAGGGTATTC ACCTATTCTA GACCTATTCT AGACTAAAAC
632451   ACCACTCACG TTTGCTTTGT TGGAACCTTA GAGGCTGGGT TGGGATGGGT
632501   GATAGAGATG GCTGAATACC ATACAGGGCC ACGCAAGGGA GAATCATCCC
632551   CCAATACGGC TCTACATTTC CGAGACAGCT CCCCATCACC CCTGGCTCTG
632601   TAGGCAATGG GGGCAGGAAG GTCTTGGGGG TCTTTGGCAA GGAGTGGCAT
632651   GAGGGTCATT TTATCCACGG TGCCTAAGGT AGTTTGGAGA GGATAGTTAA
632701   TGAGGATGCT TCAGGCATGG CTGGGACAGG TCTAAGTGTG ACTGAGACAC
632751   CACCAGATAG ATGCCTGTGG AGCTCTCTGC TGGAATGCCA TCTGCAGGGT
632801   AGGTCTAGAG GGCTGGTGAT GGTGAGGCTA GCCATTTCAG CATCCCTGTG
632851   GATGGAGATG GGGGTGGGGG GTGGCTGTGT AGAAGAGAAA GCACCAAGGA
632901   TGAAGAAAGC ATGTCTAGAA TCTGCTCGAA GCTTTTCTTC AGGGGTGAGG
632951   GTGGGAGAGT CAAAGAAAAT AGAATGACCA GAGACGGTCA CCGAGAAGCT
633001   GTCTTTAAAA TAAGGGTTGC TCCCCACACA AACAGGCTCA GTCTTAGGGG
633051   TAAGGAGCGA GGGAGACCCT GTTGCTGGTT TTTCTTTTAG GACGTTGGTG
633101   TTAAGGAAGT AGGTATTGTG GTCCAGTGGG TTTTCACCCT ATCGCAGAAG
633151   TGCTAAGGCA GGAATTTCAG AATGTGTTCA GGATAAAGAA TGGTGTTCTT
633201   ACTCCAATGT GGCCACCTAG ATCCTCTGTC CACCCATCCT TAGCTCCAAG
633251   GTTACAGAAA ACAAAGAGAG GGAATGCTGC TCCCAGCTTG CTTGAGTATT
633301   AATCCCTTCT CCCTCCCAGT CTCTCTCCCT TCCTCTTTAT CTTACAATGT
633351   TAAGGACCGA ACCCAGGGCC GTGAGCATAC TAGGGAAGCC CTCTGCCACT
633401   GAGCCCCAGC CCCGGCACAC CCTCCCTTAA GTATCTGCCA ACCTGTCCTT
633451   ACATTGTCTG CAAGGTTTCC CTGCCTGTCT CGCTGCGCCC TTGAACATGG
633501   CCGTGTAGTT ATGGGTTTTC TTTGTAAATA AACCTGTTCA CAAATTGGGT
633551   CAGGCTTTCT GCCTCCGTCC CGTTTGCACA CCCCTCATGT CTTAGGGGAC
633601   CTGTTGCTGT TCTTAAGCTT GTCATTTTCT GCTCTTTACT GTTGTGCCTG
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212

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633651  AAAAGCTGCT  TCCTCTTGCG  GTGGTTAGGG  ACTTCTCAGA  GGGAACCTCT
633701  GCCGTAGCTT  CCCCAACTTA  GGGACTCTCT  TGCTAACCTT  CTGCAGAGGC
633751  TCTTTTGACA  CACAGTGACT  CAACCAGGTA  CCAAGTTAGA  AGCTGGCCTC
633801  AGCTCTCAAC  TCCCTTCCTA  AAGTTTCCGG  GACTCAGCCA  TGCAGACTTG
633851  AAAGGTACCT  GAGAGCTTTG  AGCCAAGCCT  TCCCCTTTCC  CAGCCTGCTT
633901  CTCTTTGCAG  AGCCACCCTG  TGCTCCCCAT  GCCATCACCC  GACAGGTTCT
633951  CTGAATGCCA  GTTGTGTCAG  TGATGCTCTG  CATAGAGGAT  GCTCGCATGT
634001  GCAGAATACT  TCCTGTGTGC  CCGTCAGACC  CTAAGTACTT  TACAGATATA
634051  ATCTCATTCA  CAGTGGCCAA  CATTTAATTG  AATGAATTTT  TTTTTTTTAA
634101  TCTCTGCTCA  TTTCATTTAG  GGTTAATTCA  ATCCTATGAG  ATCCATAGTG
634151  TTGCTGGCCT  GGTTTTATAG  AGGGGAAGAA  CAGGCGTTCC  GCAGAAGTTT
634201  GGTTGCCTGG  GTCACTTAGC  ATTTAGAGCT  GGGGTCCTCC  GGTACCTGAT
634251  AGGCTCTTTC  CTGTCTCCAG  GTCTCTGAAT  ACTGCGCAGC  AACTTTCTGC
634301  AGGTTTCTAG  CTCCTAATTT  AAAGAGCTCC  AAAGTACGTA  CAAACGTGGC
634351  CGTGAAGCTG  AGGGTCCAAG  ACACCTACTT  GGACTGTGGA  ACGCTGCAAT
634401  ACCTCGAGGA  CCCCAGATTT  ACAGGGTACC  GAGTGGAGTC  AGAGATTGAT
634451  ACAGAATTGG  AAGTAAAAAT  TCAAAAGAA   AATGACAATT  TCAACATTTC
634501  CAAGGATGAC  ATTGATATTA  CTCTCTTCCA  TGGGGAAAAT  AAACAATTTA
634551  ATTGCAGTTT  TGAAAATATT  ACTAGAAACC  AGGATCTCAC  AACCATCCTT
634601  TGCAAGATCA  AGAGTATCAA  GAATGCAAAC  ACCATCGCTA  GCTCCTCTAA
634651  AAAAGTCCGC  GTAAGTCACC  TGATTGCCCC  GCCTGCTGTC  TTTATCTGAG
634701  TCTCCGTAAT  TGCCTTACTA  ACCCCCAGGT  TGGAGTGGAA  TCTCTCACAG
634751  ATCTTTAGAT  TCTTCTCTTT  AAATAGAAGA  AGATCGACAA  AGCTGATACT
634801  GCAAGCCCAA  GCATAATTCC  AACCAGAATA  GCAGGCAGAG  CCATGCCTGT
634851  GCTTGTTGGA  ACGGCAAAGC  ACCGAACACA  CCATTGTCTA  TAATCCTAAT
634901  GAGCCTTGAT  AGCTTTTGTT  CTAGCTGTGC  ATTTATACCA  TAGCATCTGC
634951  AAGCCACATC  TCCAGATCCA  CTGATGACTG  AGCTGTCACT  CTCTCTCTCT
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635101  CCAATAATCT  AGGGTTTGAG  AGTGGCGTCC  GCCAGCCTGG  CTGTCTTTTT
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635351  ATTATAAGAA  AAAGAAGAGC  AACCATTTTC  TTTGTAGTAA  AAAATAATTG
635401  GCTAAAAGAC  AAGAGAGAAC  ATTTGTACTG  GGAGGCAGAA  GTGAGAGTGT
635451  GCTTGAGTCC  CAGCTGTGGC  TCTAGGTAGG  ACATCTGGCT  TCGCCCCCCC
635501  CCCCCCCCGA  CCCTTTCATT  GTTTATCATT  TTGGCAAGAG  AGGTAGTAAG
635551  TAGCCATCAC  GAAATGAGCA  ACCCCAGGAA  CCTGCTCGAG  GTGCTAGCTG
635601  GGTGTGGCAC  ATCCAGGCAT  CCTTCCATTT  GCTGCAAAGT  TCCCAAGCAC
635651  CCGCACTGGG  ATTCAAACCC  GGCAGAGCAG  AAAGCAGGCA  GAAACAGCTG
635701  CCTTGCTGGA  GAGTCCCAGT  GAGGGCATGC  AGTGAGGAAT  AATCTTTAGG
635751  GAGGACTATA  CGAAGGGGGA  GGAGAAAGTA  GACTACCTAG  GGATGTCTTT
635801  GCACCTGATG  GTGGAAAAGT  TTGCCTGGAG  AGGCGACATT  GGAATGTGGG
635851  CCTCCGGGAG  GAGGAGAAGG  AAGAGAAGGA  GCCACGGACA  GACAGAGGGA
635901  AGCACAGGCT  CCGAGTGTCC  TGAGGCAGAA  ACCTGCCGGC  TAGGTCTGGC
635951  CTGAATGGGG  TGGGTCAGCA  TGGTTGGAGT  GAGGGGCCAT  TCCCAGGAGG
636001  TTAGAGAGTT  GATGGGGAGG  GCCAGAGATT  ATTAGGGCCT  TTAAGGCATT
636051  GCTAGAGGCC  TGTGCTTTTG  ATTCTAGGCA  GCTGCTAGAG  AGAGAATGAG
636101  AACAGAGATG  GTGTGAGCTG  CCGTCCTATA  GGAGAGAGAC  CGTTGGCCTT
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636201  GCTGGGTGCA  GACTAACTTA  AGATCCTGCA  AGGAAAGAAA  AGCTGGACTA
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636301  GTTCATGGGG  CAGCTCAGGT  TCCAGGGAGC  CGCAGGTGCC  TTGGCACTTG
636351  TGTGTGTGAA  GATGAAGAAG  GGACAGATGT  AGCATTTTTC  TTCCTTTTCA
636401  AGTTTAATTG  CCAAGTTTTT  CTTAGCCCCT  GACCTTCAAC  CTCCCCCCTC
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636551  TGACTGGAAG  CATCAGTGTA  GGAGAAAGCG  AAGTGTAATT  GCACCTGTAG
636601  AGAACGGCTA  GGAGCCTTCT  GCCTCAGTGT  GAGCCCACCG  CTGCACTAGT
636651  AAGGTTCAGG  ACAAAGAGGG  CTAGTATTTA  AAACCCACAG  GTCTAGTCCG
636701  GCACACCTAG  AGATCCCACC  CGCCCCACCA  CGTCTACATC  TCGGGGAAGC
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213

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636751  TGACAGCGCG  CATGCGTATG  GTGCCTGGCG  CCACTGGGTC  TAACAGTACC
636801  AATCTGTCCC  ATCAGGTCAA  GCTGGGAAAC  CTGGAACTCT  ATGTGGAACA
636851  GGAATCAGTT  CCTTCCACGT  GGTATTTTCT  AATCGCGCTT  CCAATCTTGC
636901  TGGCCATTGT  CATCGTTGGT  AAGTGGCCCG  TTCCATTTTG  CCCGAGACGT
636951  TATTCCCCAA  GGCTTCTCCG  TGGCAGGTA   GACCTTCAGC  TTTTGGGAAC
637001  TCTCTGTTTC  CATTAAATAT  TAATGGATGA  AAGGCCAAGC  CAGAGAGTTG
637051  AGAAGTGAAT  AACAGGTGGT  CTGTGGCTTC  TCTAATGAGT  TTTTACGGTG
637101  CTTCACTAAC  AAAGAGCGAG  ATTGCAAGAT  GGTCCCTTGA  TGTTTGAGAA
637151  GTATTGCGCA  GATACCCCAC  GTCTTTGGGA  TTGTTTTGGA  AACAAGTCCA
637201  TTAAGGACTC  CCAGAACGTG  GTCATCCTAT  CTCATCCTTG  GCTTCTCCCC
637251  ACCCCCTGCC  CTGCTTTTCC  TGGGAAAGTC  AGGCTTTGCA  CGTGTGTCTA
637301  TGTTATCTAT  TCCAACATGC  CCTGCTTCCT  ATGGACATGG  AAGTACCATA
637351  CTGACTACCA  GTGGGCAAAT  CTGACCTATT  TCTTGGATCC  TACGGTACCG
637401  TTTTGGTTTG  GTTTTGTTTT  AACTGAAGAA  GTTGACATCT  AAAAATTAGG
637451  TAACTCACCC  TTTAAATTCG  TGTTGAGGGG  GGCCAGAGAG  ATGACTCACC
637501  AGTGAAGAGA  TGCTCTTCCA  GAGGTCTTGA  GTTCAGTTCC  CAGCAGCCAG
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637601  AAGAGAGAGT  GCTCGTATAT  GTTAAATAAA  TACATCCTGT  AGTCTGTATG
637651  GACAGTGTGA  AAGGTCTAAA  CTCTAAGGTC  CCAGTTTTAG  CTTGCATTCG
637701  TTGTTAGAGC  TTGGCAATTG  CTACTCCTTG  AAGACAGGGT  GTTCGCCCTC
637751  TGGGTTTTCA  CCATAGTCTC  TCCATCCCCT  AAGGTCTCCA  CCCACCTCTA
637801  TAGCTGGTGC  CTGCAGCTAT  TTTATGTCCT  TTTCATTCTT  TTTCTTCTTC
637851  TTCTTTATCA  ACAGCACACC  ATGTTTGTTG  ATTAACTACA  ACATGGCCCC
637901  TTTCTGACAC  TGTAGGGCAT  GGAGGCAAGG  GTCGGCATTG  CTGTGCTGTG
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638101  TTGACACTCC  TGGGACGGGA  GATATACATT  TGTGAAGAAT  TGGCTCCATG
638151  AAATGAATTT  TCCTATGTTG  CCTCATCGGT  GATTATTTGG  GGTATTTTTT
638201  TATGCTTTCC  CCAAGTTGTC  TACCTCCGTC  ATATATCTAC  AATTTAAAAT
638251  TTGACTTGAC  ATTTTCATAA  ATTCCTGGCT  GATATGGGCT  TCAAGAAGAT
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638351  TGTTCAGATC  TCTCAGCCTC  GCCACATAGT  CATGTCCACT  TTGTGACTCC
638401  CGAGAAACCT  CTGGTCTCTT  GTTAACTTTG  TAAGAAGTCA  TTTTGTCCTT
638451  TAAGGTGATT  TGTTTGAATC  TGCAGGACCT  CTCAAAACCA  TCCCGTTGTG
638501  ACTCATTCTA  GGGAGGCATG  TGTCACGGCA  GCTATGGTAA  ATGTGACCTA
638551  GTCCTTCACT  CATGTCCTTA  GTGTAAATGC  TAGATGCACC  TAGCCTGAGC
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638651  TCCCTTTACA  TTCTGAGTCA  GGGTAGCTTC  CTGGGGAGCC  ACTGCCCCAA
638701  ATGAAAAAAA  AGGGGTTCTC  TGGTTGGGTG  AGTTTGAAAA  TCAGCTCTTG
638751  GAAATGCTCA  GTCCCGGTTA  TTGTAAGTAC  AGCTGAGATG  GTGAAAAAGT
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638851  GTGTCTATGT  CTCTGTCTGT  CTGTCTGTCT  GTCTGTCTGT  GTCTCTCTCT
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638951  CATAGGACTC  GTATAACAGA  GGAAAAATTT  GTCTGTGTGT  GTGTTGTGCC
639001  CGAATACCAC  TGCAGACATG  GAACTGGCAG  AGGATAACTT  CATGTTGCTG
639051  CTCTTCACCT  TCCACCTTGT  TTGAGACAGT  GTTTCTTGTC  TGTACCCTGC
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639251  CTGTTAAAAG  TTGAGATCCT  TCTGGGATCA  TATGAGAGCT  GGCAATCGTT
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639351  ACATCACAGC  TCTTATGGAT  AAGGCAGGCA  GGCAGGCACA  GAGATGCTAA
639401  GGGATTTGCT  CAGGGTCACA  CAGGTAGTAA  ATGAAACGAC  AGAGCGGAGA
639451  TATAAACCCA  AGCTCCAGGA  TTCGTTGCAC  TGACTACTCA  AACAGCATGG
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639651  TATTTGCAAC  GCTGTTTCGT  TTCTCCAGAT  ATGATTAGAG  ATGTGGGGAA
639701  AAGAATGAAC  CATCCACAAA  TCCAGTGGCT  GGCTTCAGGG  AAAAACTTGG
639751  CCTGCTTCCT  TACTTTCCAG  CCAGCTGGGA  CCTTTGGTTC  CAAGTGAAGG
639801  TTATTTGATT  GTGTTTTCAC  TTTAAGATGA  GTGGAATTTT  TTCCCCCTGT
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214

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639851  TACATTTAAC  ACCTTCCTCT  TTAGAATGAC  CTTTAATGGG  GGAGCTGGAG
639901  AGATGGCTCA  GCAGTTAAGA  GCACTGACTG  CTCTTCTGAA  GGTCCTGAGT
639951  TCAAATCCCA  GCAACCACAT  GGTGGCTCAC  AACCATCTGT  AATGAGATCT
640001  GACTCCCTCT  TCTGGTGCAT  TTGAAGACAG  CTACAGTGTA  CTTATGTATA
640051  ATAATAACTA  AATCTTTTTT  TAAAAAAATG  ACCTTTATGG  AAATGGCCCT
640101  TTAATAAGAA  TCCAGCTTTT  GTTTTTTTTT  CATTTTGTTT  TTTGTGGCAT
640151  TGAGGTTGGA  ACCCAATCTC  AATGGAACAT  GCTAGGTCAG  TGCTCTGACA
640201  CCACACAGAC  CCCCCCCCCC  CATAAAGTTT  TTACATGCTC  TTTTCTATGC
640251  ATAATTCTCC  CTCTATCTCT  CCTCCCTGTT  TCTCTCCCCC  CACCCCCACC
640301  CCCACCCCCA  TTTTCATTTC  TGTGTTACTG  CACCAACCTG  ACCCAGAGTC
640351  TCTGTCCCCT  CAGTGGCTGT  GGTGGTGACG  AGGTACAAAT  CCAAGGAGCT
640401  CAGTCGAAAG  CAGAGCCAAC  AGCTGGAGCT  GCTGGAGAGC  GAACTCCGGA
640451  AGGAGATCCG  CGACGGTAGG  CTCTGAGACT  CCGCGTGCGC  GTAGCAAAAC
640501  AAGCCCTGCT  CACTTTTATT  TTAATTTTTG  CCCTTATGTG  GAAACTGCCA
640551  CATAATGAGA  ACTGATTGTG  TAGTAGAAGA  CAAGCTGAGC  AGCAGGGCCT
640601  GGGCCTGGGC  CTGGCTTTGT  GTTCTATTTC  GGCTCTTCTC  TGCAGCCAAC
640651  CAAGTAATTA  TCTATTGTTT  CTTCTTTAAT  GAAAACCAAG  GTCACACTCT
640701  GTGTTAGACA  AAACAGCAGA  GGATCTTATC  CATTGTTTGC  AGAGTTAAAA
640751  TATTGCTCTT  GGGATTCTGT  GTTGCAGGCT  TTGCCGAGCT  CCAGATGGAT
640801  AAGTTGGATG  TGGTTGATAG  CTTTGGAACA  GTACCCTTCC  TTGACTACAA
640851  ACATTTCGCT  CTGAGAACTT  TCTTCCCTGA  GGTAAAAGAA  CACTGATCAT
640901  CATCCTCAGG  CTGAGCCTTG  AATAATAATG  CGACATCTTG  CCTTAAGTCC
640951  GGGCCGAGCA  GGGAAGAGGA  TAATTATTAA  TTGCATTGAT  TAGGGTAGAG
641001  GGCAGCAACA  GGCTACTGGC  AATTACTCTT  TCCCTGGTAA  GGAGTACAAG
641051  TTTAGAGTGA  TGGGTTTTGC  CATATATATA  TATATATATA  TATTTTACTA
641101  CCAGCTTCAA  ACTGACTCCG  TAGCTGGGAA  GTGAGCTAAT  TCATTTTAAA
641151  ATCAATAAAT  TGTGGGCTCG  CCAATTTGTT  GTGTTTATCT  GCCTGACTTG
641201  CACTGCTGCT  CCTAGATTAT  TCGCTATTAT  TTCTCCATTG  GAAACGAAAG
641251  GCAGGATCAG  CCAAATGGGG  GAGAAATTGG  ACACGCAGGG  AATCTGAGTT
641301  GATGGCAGGC  AGTTTTAGCC  ACGTGAAGGG  TTTATGGTCT  CTTCTTTGAC
641351  AGTTTTTCTG  TTAGTAGATC  ACTTTGCTTG  TTCAATAGAT  ATAGGTGTCT
641401  GGAATGAGAT  GTGAGTGGTT  CTAGCGCTTC  AAGTGTACAG  AGAGCCCTTT
641451  GGGTTGGGGT  GGGTCTCAAT  TCTGTTCTGA  CACCCCCATT  TCCTCACACA
641501  TTCTTCAGTT  ACCTTCCCCC  CCACCCCCAC  CCCAAGCCTT  TGACAAGAAC
641551  ACTCACCCAT  TCTGTCTCAC  CACGCTATAC  CTCAGCTCTG  CCATATTGCT
641601  CTGCTGGTCT  CAGAGAGATG  CCCTCTGAAT  TAGAGCTCAT  TAGTCCCTCC
641651  CATATTCAGA  TCTGGGCCAG  TCAGCAAAGT  TAGAAATCTC  TTCAAACCTT
641701  GACTGTTTTT  GGCCAGAAGC  CTAAGAACAT  AGGCACATGT  GGTTGGCAAT
641751  TTCTAGTGTC  TCTACAAGTC  TTGCAATGGA  TATATATATA  TATATATACA
641801  TGTATATATA  TATTAATCAT  ATATATAAAT  ATATATTTAT  CATATACACA
641851  CACACATATA  ATACCTACAC  ACATGCACAC  ACATAGCACT  GTCGGGACAG
641901  CTAGACATTG  CCACAAGATA  CCTGCCATAT  ATGGGGATCC  AAGCCTTGGT
641951  GTTATAAATC  AAGAAGGCTA  CAAATAAGAC  CAGTATTCTT  ACTTATCCTC
642001  CAAGAATACC  AGGCACCAAG  ACCTGCTGCC  TGCTGCCTCA  TCCATTTGCC
642051  GTACTTGGGG  GAAGGAGGGA  AATTCAAGTC  CCTGAGTCAC  GGTAATACTC
642101  AGGACCTCTG  AGAAGCTTGC  ATCTCGAGCC  CCAGTTTCCC  CGTTCTCTGA
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642201  ATGAGTACTG  TGTGGGCTTT  TACAGTTAAT  GATTGCCCTT  GAATGCTGAA
642251  TAGCATAATC  TGCGGCCTGA  AAAGGAAATT  CTCCTATCTT  CTAAAGTCAG
642301  CAGTCAAGGG  CAGGGCGGAC  TGATGAGTGT  CAAGGAACAC  CATTGCGAGC
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642401  GGGAGAAGAG  AATAGTCGCA  AGGAGCCCAA  CCGATTTAAC  TCAGGGTTCA
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642501  ACAGAGGACC  CAAGTGGAAA  CCAACAGGGA  TCTTTCAGAA  CTCTTTGAAG
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642601  CAAGACCAGG  CTGCTTGCTA  TGGTTGACCA  GAGCCAGATC  CTTGGGCCTG
642651  GAGCTTGGAT  GTCTGAGAGG  CCATGATGGA  TGATCAGTTC  TTCCAAGACA
642701  GCAAAGGAAG  AGGTGGCCAG  GGTGTGGCGG  CTCCAGCTTT  GCTCACCTGC
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642801  GCCTTCCTCG  TACTGTGGCC  CTTTTAATAC  AGTTCTTCAT  GTTGTGCTGA
642851  CCCCCAACCA  CAAAATTATG  TTTGTTGCTA  TGCCTGTAAC  CAATTTTGCT
642901  ACTGTGATGA  ACCTTGATGA  AATACTTGAT  ATGCAGGATA  TCTGATGTGC
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215

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642951   AACCCCCGTG  AAAGGATTGT  TCGACCCCCA  TGAAGGGGCC  TTGACCCACA
643001   GCATGCGAAT  CGCTGCATGG  TGTATATGTG  TTATTGTTGT  CTGAGATAGG
643051   GCCCCAGATG  GCACAGGCTG  ACCTCAAGTT  TCCAATGTCA  TAAAGAAGAA
643101   CCCTGAACTT  CTGGTCTCCT  ATAGATAGAC  TGATTTCTGT  TTTCCTGAAA
643151   ATAGAAAACA  CAGGATAAGC  AGAATATCTA  ATCTCTTGGA  GGAAGGAAAT
643201   TTGAATGAGG  AGGAGAAGTT  TTGAGCCAGG  GAGCAAGGGT  ATCATCACTT
643251   CCCAGCAGAA  GGTCAAGAAT  GAATTGTGGG  GTCTTAAGAG  GGCTCAGGGG
643301   TAAAGGTGCT  TGCCACAGTA  AGAGTTCAAT  CTCCAGGACC  CAAAAGTTGT
643351   CCTCACACAC  ACACACACCA  CACTGAGACA  TGGCCCTTCC  CTCCCCTGTA
643401   AATAAATGTA  ATCACACACA  CACACACACA  CACACACAAA  ACTGTTTAAA
643451   CTGGACATTT  ATATGAAGTT  AAGGAGTAGA  CCAAAATAAT  TTGAGATCTT
643501   CTGCTTTGGC  TAACAAATTT  GAAACCGTGA  AATGAGGTTC  TCTGCAGGAA
643551   AAATTTACTT  TATTAAGACA  CAAGCTTTAT  CCAGAGTTTA  AAGTATGAGG
643601   GGGGGGGGAG  AGGAGAGAGG  AGAGAGAAAT  CTGTTTGATG  TTATGATTTT
643651   ACTTAGTTAA  TTCAAACTAT  TACCCAGTAT  GGTTTTATAT  TATAATCTTT
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643751   AATTGCTGGG  AATTTGGGGC  CAGCTTGGGA  TATAAAGTGA  GGTCCTGTCT
643801   CAAAAACACC  CAAAATAAGT  AAATAGAATA  AAATGCAATT  CTTAATTTCG
643851   GTAAGATTAA  TGAGACATTA  AAAAAAAACC  CTCAAAATGA  AAAGTTTATA
643901   TTTAGGATCC  ACATAGCATA  GTATATCAAG  ACGTATTTTT  TCGAGTAGGG
643951   ATAAAACCCT  CAGTCATAGT  GGACACAGAG  CACTGTGTGC  TCAGGGCTCC
644001   CGCATTTCAT  TTTTACAAGA  AGCCTGTGAG  GTGGGAACCA  TTGCCTCCCT
644051   CCATTTCACA  GATGAAGGAA  GTCGGACACA  GAGGTTAAAT  AACCCATGCA
644101   TGCTCGTGTG  GCCAGTACAT  GGTAAGCCAG  AGCTGGGCCC  CTGGTAGTTT
644151   GGCTCTAAAT  TCCATGCTTA  TGCATCACAT  GTTCTGCCAT  TGCTTGAGGA
644201   TGTAACATAG  TAGGACAGTA  GATGCTACCT  GGCTATACCA  CATCTAAGCA
644251   TGGCGGACTG  TGTGAGCCTC  ATGCTTAGAG  GGTAGCGCTG  TGTGAGCCTC
644301   ACCCTTGGAG  GTCAGCACTG  TGTGAGCCTC  ACACCCTTGG  AGGTCAGTTT
644351   CATGATGAGA  GGTCTGACGT  TTCTGTAATC  TTCCACCACC  ATTTTGTTTT
644401   GTTTTGTTTT  TAACTTTTGA  GTCAGTTCTC  TTTTAAAAAC  CCAACATAAT
644451   CTACCAAAAA  GCCAGTCTTT  GCCAACGACA  ATTCTCAGAG  GCTTCCAGAG
644501   GCCACGGGTG  TTTTTTGAGA  GCATGGCAAT  TATTTATTAT  GTCTTAGAGG
644551   TGACACAGCA  AGCGTAGACC  AAGGGCTCTT  CAGATTAGCA  AATAGCACCC
644601   CTGCTTTATT  AGAATGGACT  TGGGTATTGT  AACAAAAATG  CACTGTTCAT
644651   TTCCTTTTGG  ATGTTATGAA  TAATAAAAGT  GTCTCCTTCC  TCTCAGTCAG
644701   GTGGCTTCAC  GCACATCTTC  ACTGAAGATA  TGCACGTAAG  TCTCTCCGTC
644751   TTCACTTTGT  GCTCAGTGAC  TGTCTGTCAG  CTTATCATCC  TTACTGTCAC
644801   CACCATTGTT  AATACTTTGA  ATTTTTATTG  TGGGCATATT  TGGATATTAA
644851   GTAACCTGTT  GTCTTGGGAG  ACCCATTGTG  GCTCTGCTTT  CTAAGTTTCC
644901   ACTTACGTAT  GGTCCTGAGC  TATATTATCA  TACTGTTACA  TCATTGTTGT
644951   TTACTCTTCA  CCTCCTCCAG  AACAGAGACG  CCAATGACAA  GAACGAGAGC
645001   CTCACAGCCT  TGGATGCCCT  CATATGTAAT  AAAAGCTTCC  TGGTTACCGT
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645201   AGGCCAAACA  AGTAGAGCTT  TGTGAGTTTT  TGAGACCGGC  CAGGTCTATG
645251   TAACAAATTA  TAGGCCAGCT  AGGGACAAGC  AACAACCCCA  AGCTACTTAT
645301   TTTAGCTTTG  TTTTTCCCCC  TTATTTATTT  ATTTATTTAT  TCATTCATTC
645351   ATTCATTCAT  TCATTCATTC  ACTTCACATC  CTGATCATAG  CCTGCCCCCT
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645451   TGAGAAGAGG  GAGGGCCCTC  CCTGGATACC  TCTGGCACAC  CAAGTCACTG
645501   CAGCACTAGG  CACATCCTCT  CTCACTGAGG  TCAGACAAGG  TGGACCCGTT
645551   AGAGGATCAG  GATCCACAGG  CAGGCAACAG  AGTCAGGGAC  AGCCCCTGCT
645601   ACAGTCATTG  GGGGACCTGT  ATGAAGTCCA  AGCTGCACAT  GTGCAATGGT
645651   AGTAGTGTCG  GGGACTGGCT  GTTGTTCTGC  TTGCAGACAG  AGCCCAGCAT
645701   GGCTGTCCTC  TGAGAGGCTC  CATCCAGTAG  CTAACCAAAA  CAGATGCAGA
645751   GACATATGTA  CAGGGGGCCT  AGGTCCACCC  CGTGTATGCT  CTTTGGTTGG
645801   TAATTCCATC  TCTGGAACT  CCTAAGGGCC  CAGGTTAGTT  GGCTCTGTTG
645851   GTATTCTCTG  GGTATTCCTA  TCCCCTCCAG  GTCCCCCAAT  CCTTACCCAG
645901   GCTCTTCCAC  AAGATTTCCT  GAGCCTCACT  TGATGTTTGG  CTGTGGGTCT
645951   CTGCATCTGT  TTTGGTTAGC  TACTGGATGG  AGCCTCTCAG  AGGACAGCCA
646001   TGCTGGGCTC  TTGTCTGCAA  GCTGAACAAG  AACCAATCCC  TGACACTGGT
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216

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646051  ACCATTGCTT  TAGTTTTTGA  AGGGCTGGGT  ATCGAACTCA  GGGCCTCAGG
646101  GATGCTGAGC  AGGTGCTTCG  CACTGAGCTA  CAGACCCAGC  TCTCAAGCTC
646151  CTTGCTCTTA  AACCTCTCCC  TGCGCCTCAG  CAGGCCCTGT  CCCAGCGGAG
646201  TTGACAGGGG  GTTTATACAG  CCATGCTTTG  TGCAACTCGG  ATCACACCAA
646251  CAGAACCCAG  TTCTGTCTTG  AAGGCACACA  TACATACACA  TATCACCCAG
646301  TAAAACCTGA  CAAAAACCCC  AACACCAAAA  AAGAAAATTC  TTAACCAAAA
646351  AAGCAGAAGT  GTTATTTTTA  ATTTTGAATT  TTAAAGAAAT  ACCCTAAATT
646401  TTTTGGAAAA  GAAACTCACT  TCTTGTTGGG  AAAAAAAATA  GAAAATGACT
646451  TGTTTGGTTT  GTTTGTTTGT  TATTTCATGT  ACCCAGCAGG  CTGGCCTAAA
646501  ACTCCCTTTG  TAGCTGACAT  GACCTTGAGT  TCCCGATTCT  CTTGCCTCTC
646551  CCTCCATACT  GCTGAGATGA  CAACTGTTTG  CCACCACAGC  CCATATATGC
646601  CCTTCTAGGG  ATCAAAACCA  GCGCCCCATG  GACTAGGCAA  GCAGTTTACC
646651  AACTGAGCTA  TGTGGGTGCT  TACGCCTGGT  GGGTAATCTT  ATGCCATAAG
646701  AACTGAACGG  ATCGGAACCT  AAACAACACA  CAAAAAAATG  GCTCCTCAGG
646751  AGACAATTCC  CCCATTGCCA  GCAAGATTTC  ACGGAAATCA  GACAAGTCCT
646801  CCTGAGTCCA  GGGCTAACGG  CTCACCAGGC  TCTATTTTTA  AACAGGTGTC
646851  TCTTCGCCTC  CTTCCTAACC  ATTGCTCTGC  AAACCAAACT  GGTCTACCTG
646901  ACCAGCATCC  TGGAGGTGCT  GACCAGGGAC  CTGATGGAGC  AGTGCAGTAA
646951  TATGCAACCA  AAGCTGATGC  TGAGGCGCAC  GGAGTCTGTG  GTGGAGAAGC
647001  TCCTGACGAA  CTGGATGTCT  GTCTGTCTCT  CCGGTTTCCT  CCGGGTAAGT
647051  GTCACAGGGC  TCTGCAGTGT  CAGAGGTAAG  ACAATAGGCA  ATTATTTTTA
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647151  AGCGTTTAAT  TGAACTTGAT  CGTGGGTCTT  CCAGATTGAA  TGGAAAATAA
647201  CAATTGTGCG  GGTCTTGTTT  GTTTATTTTC  TTTGTTTGTT  GCTGCTGTTA
647251  GTAGTCCCTA  GGGTACATAT  AATTCACGTA  GGGCTCTCTT  GGGTAAGATT
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647351  AGCCTATGTA  GGAAAACGTC  CCGAGACCTG  AGACTGTTTA  AAACGCTGAT
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647451  CTCACTGGCA  CACTGGCAGC  TAATGACGGT  CCCTTCTTCC  CAGGTGTTCA
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647551  TGAAGTGACT  ATGGCATATG  GTTGAATTTC  ATTGAACCTT  CAAATCTTTC
647601  AGAGTCCAAA  CTTTCTATGA  GCATTGGAGC  CCAGGGCTGG  GTCTGGAGTT
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647751  TGCTCGGCAC  TGAGTAAGAA  CCCCATAAAT  ATTGGCCATT  ATTATAAAAT
647801  ATTAAAATGA  AAATCAGGGT  GTTTCTGTTG  AACATGGTCT  TTGTTCATCG
647851  CTCTGAGGCC  CTGGGATGGA  GGGAGGTTCT  TATCCATCTT  TAACTTCACC
647901  AGCCGTCCAG  ATTCCAGCAA  AACGGCATAA  TTGTGTATTT  GCAGCTTGCT
647951  TCAAATCTA   ATTAAACCCT  GAATAAGATA  CACTGCTATG  CCACAGGTTT
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648151  TATTAAGATT  AATGAAATCT  GCCTCCTTTT  CTGTTTACTT  GGTATATATC
648201  ATCTGCTCTG  GGGATGTGTC  AAGTGGTTAT  TTCTGGAGAG  AGCTGCCTTT
648251  GGGCCTCCCT  GAGGCTGGGT  GGGTGGCCAC  TGCTGAACAC  AGGTGCTAGA
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648351  GCCCTAGAAT  GGCATCCACC  AGTCTCTTCT  CTAAAAACTC  TGTGGCTAAT
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648551  ACTGTATCAT  TTTGTTGCTT  GTGTGTTTCT  GGCTTGGTGT  CCATTCACTG
648601  GTAAGTCTAC  TGGTTTGAAA  TTCACTCCCA  GCTCTTCCCT  ACCAGGAACT
648651  CGCAGGAGCT  GCTTTTAGGC  ATGAAAGGGG  AGAAGTGTTC  AGAAAAATCT
648701  GGGCTCCAAG  CCCAAGCGGC  CCCCTTGAGC  AAAGCATTCT  GGGTCAAGAT
648751  TTCTTCTCTG  TGCTGATTCA  AGAGTGTGTG  GAACACTCGG  TGGTGAGGGG
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648851  GGGACTTTCA  CTTTCAGTGG  AAGAATCCCT  CCAGTTATCA  AGGGGCTTGG
648901  GGGGCCTCCT  CTTGCCCTGC  TCATTGATGC  TAAGCAGGTA  GCAACCTTCA
648951  GGTGAGCTCC  CTTCCCAGAC  TCCAAGGCCT  GGTAGGGACA  GATATGACAG
649001  TTGACATCTA  TTAAGCACTG  CTGTTGGCTA  TACATCAGAC  ATCAGGCCAA
649051  GAGCTTGGAT  TATCTTTTCT  CATTTAACCC  TTAATGGTCT  GCAGAGGTAA
649101  GTACATTTAT  GGCTGTTTTG  CCTATGGGGG  CTCAAGACAG  ACAGAATAGA
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217

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649251  CAACAGATGA  GACATACAAT  TCCTTGTGTT  AGTTGACGAC  AAAGAAATCT
649301  TGTGGCCTGG  TGGTTTCCTA  GGCTAGTCAG  TGTCTCTAGA  AAGGTTTTTC
649351  AACCTGCCTC  TGCTACCGAA  ATCTAGGTTG  AGTAGGTATC  TATGTGGCAC
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649451  GGAGGTGACT  CGATAGGGCT  AGAACTGAGG  GCCCGAGGGG  CAGTGTGAAG
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649551  AGCCCTTGAG  CCAGTGGCTG  TTCCTCTGCC  CAGCCCTGGG  GGTCCTGGCT
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649651  TGGTGTGTCT  CTGCCATGTG  TAAGAAAGGC  AGAAGTGAGG  TTCTTAGGTT
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649851  TGTCCCGCAT  CAGGAAGAGG  CTACTCGCTA  CTGTCCCGCA  TCAGGAAGAG
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650101  GAAATCAGAC  AGAGAGCCAG  AGGGATGCTC  CTTTCGAAGC  TGAATTAGTT
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650201  ACTACTGTTT  CATCTTTACT  AAGGCACTCT  GGCTTGGGAG  GAGCCCTCCC
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650951  GATGTGCTGC  GCGTTTCCAC  GGGCTTTGCA  TGTTGATTAT  GAGTGAATAC
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651101  TGACGACCCT  GAACCAGAAA  ATAAACAAGG  GTCCCGTGGA  CGTGATCACC
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651401  CGTGACGATG  CCTGGGATAC  TCGTCAATTT  CCAAAGGTTT  TAATATCGGG
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651951  ATCGTCAACT  TGAGGAAAGG  CTCTGTAGCT  TTGGTTTGAC  TTTTAGCTCT
652001  ATGAAGACTC  TAGACTTCTT  TACCATCTTA  TTAGTGGACA  TGGAAGAAGT
652051  AGATTCCAGT  GGGATTCAGG  AATTGCTCAC  TGGAGAGCTC  AGGCTCCTGT
652101  GGCTTTGCTC  TGGGTGGTGA  GTCCTGTGGT  ATCATTCTAG· AAGAATTCAC
652151  TCCCTAATTG  AAGAAGGCAC  CACTGTGCTA  TGGACCGTAT  TATGGTTATG
652201  TCATGGCTGT  GGGTGAGGAG  GAGCCAGGAG  ATCAGCTGTT  TCCAGTTTCT
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218

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652251  TTCATCTGTG  TGTAGCATCC  CCATGGCTGT  GTGCTCAGCA  GAGCATGGTT
652301  CCTGTGGATA  ACTGTCAGCA  CCTGTGGGGT  AGGGCAGTGT  TCTCAGGCTT
652351  TAGCATGGTG  GCACTGTGGC  CCGGACAGTG  TTAAACACCC  ATTGTTAGGT
652401  GACCCTAGAT  GCAAGTCTGG  GGTATGACTT  AGGGTTTGCA  TTTCTTTCAA
652451  TTTACTCTTT  ACAACATTTA  TTTATTTTTA  TTTGATGTAT  ATAAGTATCT
652501  GCCTGTATGT  ATGAGTTGCC  ATGCGGGTGC  TGAGAACTGA  ACTTAGGTCC
652551  TCTACAAGAG  AAGCCAGTGC  TCTTAACCAC  TGAGCCATTT  CTCCAGCCCA
652601  GATTTATTTA  TTTTTAATTA  CTTGTATGTG  TGTGTGTGTA  TATGCACACG
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652751  AGAACAATGC  ATGCCCTTAA  CCACTGAGCC  CTCCAGCCTT  AGGATGTGCA
652801  TGGTTAATAT  TCTCCTCAGG  CACTACTTGA  GAACTGTTGG  CATGGGGGTT
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653151  TTACAGGTTC  AGAGGTTCAG  TCCATTATCA  TCAAGGTAGG  ATCATGGCAG
653201  CATCCAGGCA  GGCATGGTGT  AGGCAGAGCT  GAGAGTTCTA  TGTCTTCATC
653251  CAAAGGCTGC  TAGTGGAAGA  CTGACTTCCA  GGCAACTAGG  ATGAGAGTCT
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653351  GATAGTGCCA  CTCCCTGGTC  CGAAAATATA  CAAACCATCA  CACGCATATA
653401  CACACAGACA  TGCATGCCCA  CATACAGAGG  AACATAGTCA  CGTGGGGATC
653451  CTCAGTTTCT  TCTCTACTGT  CTCCTTTCTC  TCCTTATGGT  CTTTCCTGCT
653501  GCTCATCCAC  CAAGCCCAAA  GCAGTACGTG  GCCCCCAGCA  GTGTCAGCAC
653551  CGTGCCTCTG  GCTTTCTAGA  ACTGTGAAGT  CAGTCAGTCC  CTTCCCTATA
653601  CAAATCACCC  AGCTTCGGGT  GAGGCCAGTG  TTTGGGTCTA  ACAAGAGAAG
653651  GCAGCCCTCA  CAGGGGTCTT  AGGGATAAAG  GTTCCTAAGT  AAACGTAGGT
653701  TTGGGGAATC  CAGCAAGATT  TCTTTTCATG  AAACACATTG  CATCAGACCA
653751  GGAAGAGAAG  AAAGGAGGTG  GGCTGGGGGG  AAGGGGAGGG  AGAAGTCAGC
653801  TGCCCGAAAC  AACTTTTGAG  GTTACGGCGT  TCCAGCGCTT  TCTGTCTGAG
653851  GACTTTCTCT  CCCTTTCATT  TGGAAGCGTT  ATTTATTTCA  CAGTCAATTA
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655151  TTTCCAAAAA  TAAGGTGGAC  ACTTGATCCA  GAAAGACTTC  ATGCTGGCAG
655201  GATAGCTAGG  CTGGTAAAGG  TGCTTGCTGC  CAACCTGAGT  TCAGTCCTTG
655251  GGAGCCACAT  GGTAGAAGGA  CAGGGCCTGT  CCCTGAAAAT  CAGCCTCTGC
655301  TCTCCTCATG  CACACTTAAA  TTAATACATA  AATGTAATTT  AAGTTCAGAG
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219

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655351   TCACCTACAG CTGCGTGGCA AGTTCCAGGC TAGTCTAGAT TACATGAGAT
655401   CCTGATTGAA AGAAAAACAG AAGAGAAGAC TGACCACTAA CCTCTGACCT
655451   TCATACACAC CATACCCTCA CATGTGTGAC ACCCATGCAT ACACCATTCA
655501   AGAGTTCAGA GTTGACAGTC AAAAGCGGGA GCAAAACCTA TTGATCCTCT
655551   GTTTTCTCCA CAGCAAAACT GAGAGCTTGC TAAATAGTGT TTCTGGGGAG
655601   TGCCTGGCCC TGGCCCACCC TCCTGTATGT CAGGAACATG TTTGCAGAGC
655651   AGAGGGCCTG CATCTTGGAG GATTTCAGTT CCAGGAAAGT ATACCACATG
655701   GGAGAAGGGA CATTTGCCTC AGTTTCAAGA GGAGATGAGA AAAACCAATA
655751   ACTCGTAACA GGCGTGCTGA ATTAGCAGGA GAAGTTTGAC TTGTAATCAA
655801   AGTTAAGCGA GAAATGGTTT TTTGAACTCT TAAACCCAGG AAATGAGCTT
655851   GCCAATCTGC TGCATCGGAG AGATAGCATC TTGGCACCCT GGGAAACAGA
655901   GTTCCGACAA ACACATTATT ACACTCGTTC TCATATCTGT ACGAAAGTCT
655951   TTAAGATTAT TAGAAATTCT TGACAAAGCC CAGGGACATG CCTGCAGAAA
656001   TGCTAATGCG TCTGTTGTGA TTCATGGAAG GTTTATGCCG GTCGCTACCA
656051   AGTCACCCTG CTCCCCGGTG GCTGCCGTTT GGGGACAGGC ATGTTTAGGG
656101   CAACATTCTA TCTCTAACAC AACACTGGCT AGCCCTAGCA GGAATTTCTG
656151   TGTGTTCTCC TTACCTCTCT CAAACCCCTT TGGTTCCATT TAGCTTGTCC
656201   TTGCAGAAGA TCCATTATCC CCGTAATTAA ACAACCCACT GTCCCGATTA
656251   AGCCGTTCTC TGTTACTTCA ATTACATCCC ATTGTTCATT AAGTCCTGAT
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656351   ACAGTGAAGT TAATTAACAA TTCTTAAGCT CTTTTTTTTT TCTTTCTACC
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656501   CGTGTTAGGT AAGTCATTCC CTGGTCGATG GCAAGCTGTG GAAAATGAAA
656551   AATTAACTTT AAATGAGCGC TTTCAGTGCC GTTCCTCTTC GTGGTCTTTC
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656651   ACAAAAGTAT TTAATTTTCA TCTCTGTGGT TCAAATTAAT TATTCTTTCA
656701   TTATTTATAC CTTTTACAAA TCAGTTGCTT TGACTACAGC CATAGCACTC
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656851   CGTTGTCATT TTCCATTTGG TGATATATAT AGCAGGAATC ATCAGTCAAC
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657001   TTACTAACAA TGGCAGAAAG TGTTAACTTG TCGCACCAAA GACCATATAA
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657901   GCCAAGTAAG AATGTGTAGT TATTCACCCA TGTGCTGTGG GGCTAGGGTC
657951   AAAGACATGG GATTTAGGCT CTGAGAGTCC TAGGTATGAA ATTGGTCTTG
658001   GTCCATTACT GTGTGACTTT GGGCAGGTCA CCACCCATCA GCCTATTTAT
658051   TCATCTATGA ATAGTTGGTG ATAAAAGCCT AACCTTGTAG GTTTTTGTAG
658101   GTAACCTTTC TGACTTGTGC TAAAGTCAGA AAATTATGTG TGTAACACAC
658151   CTACTGCCTT TCCTGGCACA GAGGAAGTGG TCATTCTTTG TGACAGTGTT
658201   TTTCTTATCA CCTTTAAGGT ACACTAAAGG GAGGTCTCTC CTGTGGTCCT
658251   TCTAGTTGTT TTTTTATTGA TGATAGGTGA GGTAGGGGAA CCAGGTTAGC
658301   TAGCTCTGTC ATCATGATAA ACACATCTGA AATTCCCATG TGTTGTGTTA
658351   GCTCTGTACC AGGTTACACA TGCTTCCTGT GTTTGGGCAC GGACAACCAA
658401   ATGGCAGAGA ATACCCTGAT AGGCAGGGCA GGAGTTGACA GTGGTAAACC
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220

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658451    TGAACA CTG   TCTAAAAGCC   GCTGCCTTGG   GGTATGCTGG   GAAAAAAACA
658501    GCCATTTTCA   TCCAGTCCTC   TCCTATGCAC   TGTGAGTCTC   CAGATGGCCT
658551    TGCCTGCCTG   ATGGCTTCCT   TCTGTATATA   GCTATTAGGA   AGCAGTACAG
658601    CTGTGTAGAA   CAGAGGTCCA   GATGCCCAAG   TCCAAGCAGC   AGAAAGATGG
658651    ATTTCTCCCC   AGTGTGAAGG   GCCGGAATGG   GCAGCCCTGC   TCTGGGATGC
658701    CTGCAGGTAA   CTTCTTGGAA   TGAGCTGTCT   GCTTCCTCAG   CCTCTTTCCA
658751    ATTGCCACAG   CAGGACCTCA   GCAGGACTAC   ACAAGAAAGG   ACAGATGGTC
658801    AGCAGCTGTC   TTGCAAGAAC   CTTTCCCAGG   GGTTGCCACA   TAACACATCC
658851    ATTTAAAGTC   ATTGGCCAGA   ATGCGGTCAC   GTGGCCACAC   CCAGCAGCGG
658901    GGACAGGGCA   GTGCCCAGAG   GCTCCGGAAG   CTATACACAG   TAATGCTGAT
658951    CAACGTGTGC   TTCCAGAAGA   TGCACAGAGC   ACAGTTTGGT   ACTAAGCCAG
659001    AGTCAGAAGG   TCAAGCCCCC   TCTAGTACCT   GGTGTGTGCC   CACCCATCGT
659051    CTACTGATGG   AGAACTCCGC   AAGGAGAACA   CCATTCCTAG   CCTCCTGGCA
659101    TTTCAGTGGG   AGTCTGGACA   TAGTCAAGTG   TGACCCTTCC   AGAAGCTGTA
659151    ATCTGGGA
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221